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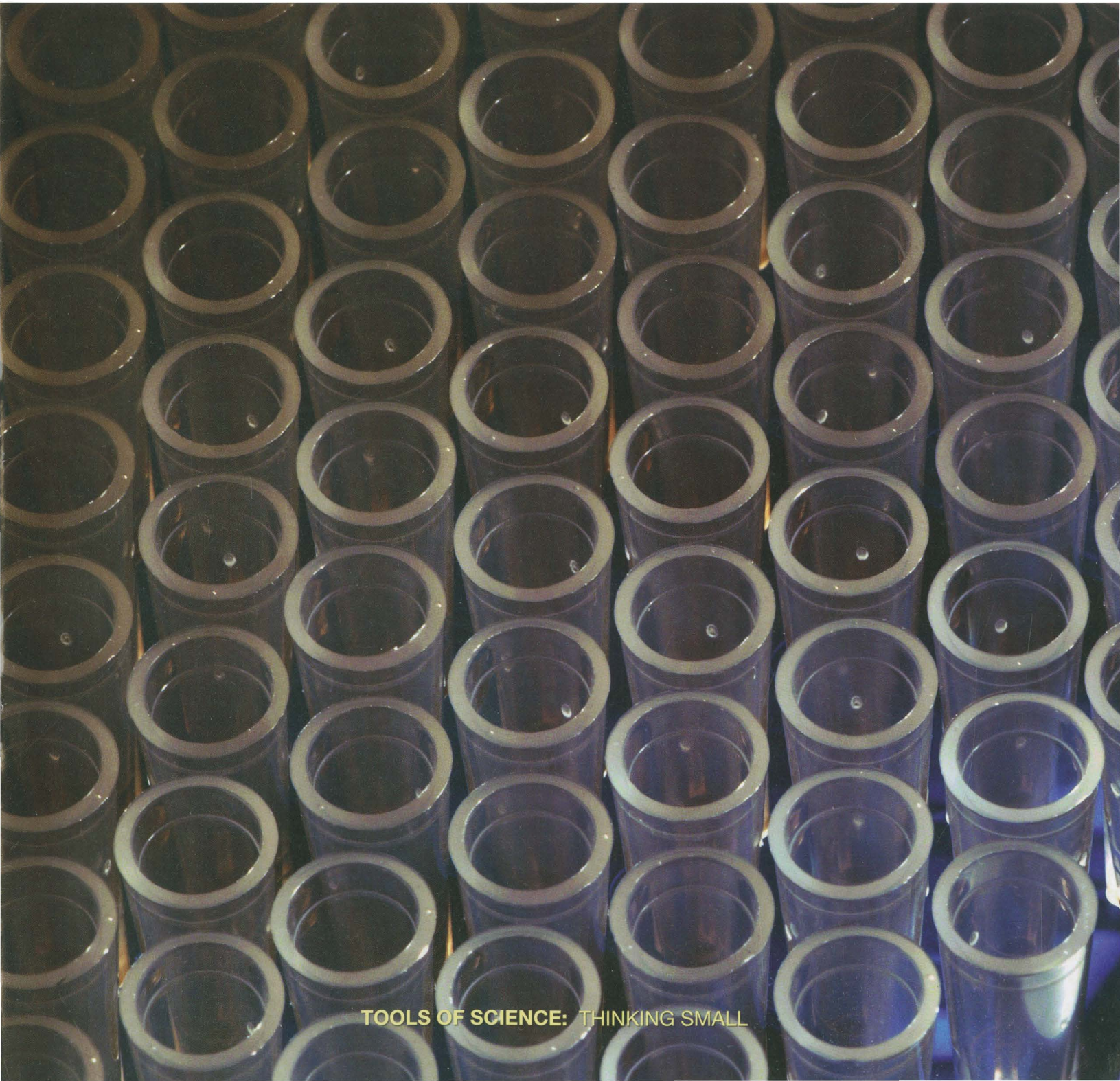
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Furman

SUMMER 2005



TOOLS OF SCIENCE: THINKING SMALL

FURMAN MAGAZINE
Summer 2005

VOLUME 48, NUMBER 2

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Editor

Jim Stewart

Contributors

Karen Guth
Robin McGary Herrnstein
Noel Kane-Maguire
Wayne King
William J. Lavery
Sheila J. Manchester
Lesley Quast
Deb Richardson-Moore
John Roberts
Todd Schwartz
David Shi
Tom Triplitt
Sarah Webb
Judy Wilson

**Editorial Assistant/
Class Notes Editor**

Nell Smith

Sports Editor

Vince Moore

Photographer

Charlie Register

Editorial Advisory Committee

Tish Pearman Anderson
Randall David Cook
Nancy R. Fullbright
Sam Hodges

Design

Copia Design

Printing

Hickory Printing Group, Inc.

E-mail

jim.stewart@furman.edu

Telephone

(864) 294-2185

Fax

(864) 294-3023

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Furman

Summer 2005

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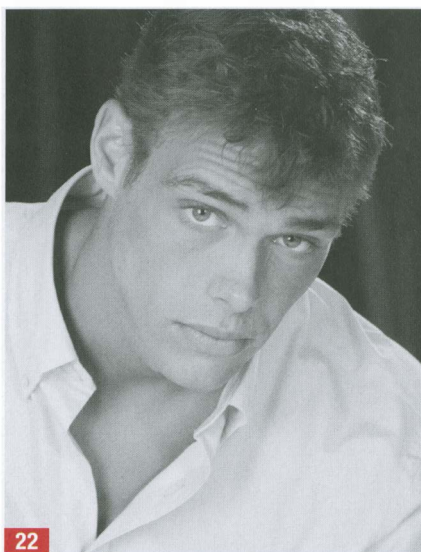
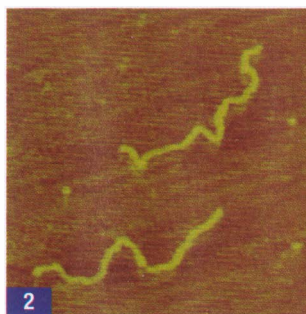
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DRAMATIC DEBUT

A 2005 Furman graduate is set to take center stage in a touring Broadway production.

by Jim Stewart

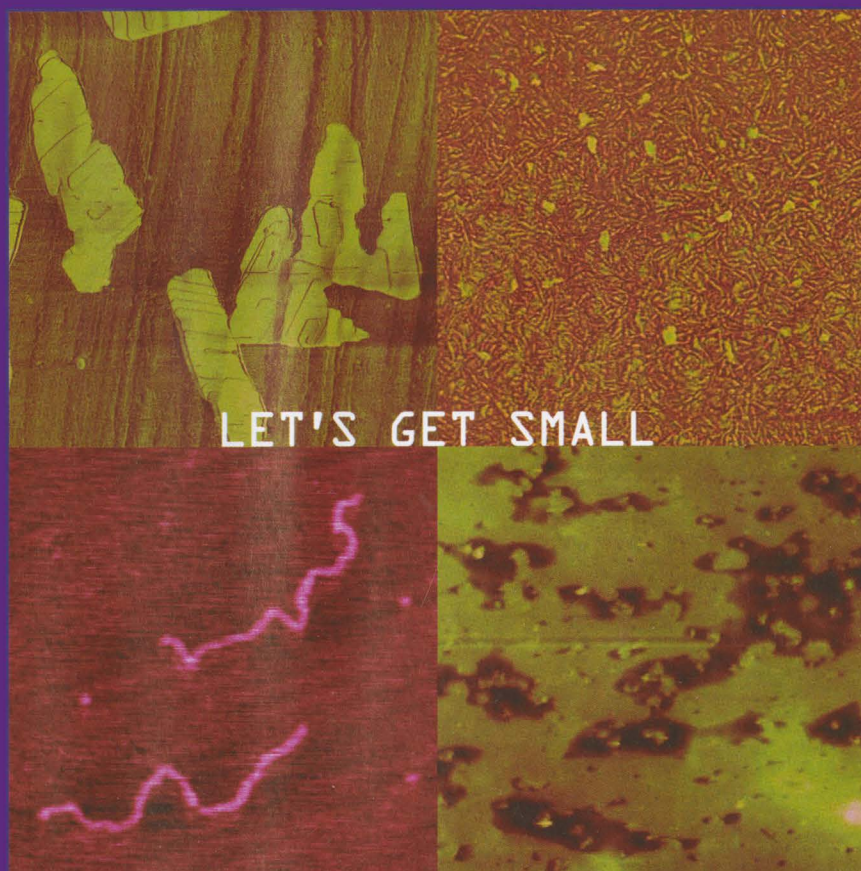
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Cover photo by Charlie Register



Furman chemistry professors and students delve into the cutting-edge field of nanotechnology.



In the last two years, Laura Glish has spent more hours than she can count in the

Plyler Hall basement. The gregarious chemistry major has not been hiding from anyone; she's been studying the topography of tiny surfaces.

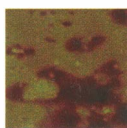
Using an atomic force microscope, she generates pictures that resemble relief maps, but of an area 1/10,000th the size of a pinhead. The whims of this sensitive and fragile instrument require patience and quiet. "I used to get in trouble my freshman year for too much talking," Glish, a senior, admits.

But her images allow her colleagues to actually see the fruits of their work, a critical component of a growing field of science that focuses on examining and designing materials smaller than most of us can even imagine.

"Nanotechnology" — the science of materials between 1 and 100 nanometers — is widely considered in science and technology circles to be one of the next great movements in research. Originally used by Eric Drexler to describe the science of tiny robots and machines, the term "nanotechnology" has broadened to include the investigation of materials just a few atoms or molecules wide, and the study of new materials that could one day give you a cell phone the size of your fingernail. (A nanometer is equal to 0.001 micro-

meter, 0.00000003937 of an inch, or 0.000000001 of a meter.)

In projects that parallel the National Nanotechnology Initiative that provides funding for research, faculty and students at Furman have been working on new materials for electronics and on tiny silver particles that could someday serve as biosensors. But on top of that, nanotechnology research at Furman is already shedding light on such things as the metalized films on top of Pringle's cans, as well as other products that we take for granted in our daily lives.



Former and current students recognize chemistry professor Tim Hanks

by his crazy Hawaiian shirts and Birkenstocks worn with socks. In scientific circles, however, Hanks has built a niche within the growing field of novel materials, an essential component of nanotechnology research. He's developing new chemical compounds to serve as the foundation for the circuits, fabrics and medical technology of the future.

Hanks talks optimistically of a future of tiny robots and minuscule computers made of fabric-like materials sewn into clothing, but his primary interest is in the materials that could move these technologies from science fiction to science fact.

Before nanotechnology became the latest buzzword, Hanks and his students had engineered plastics that conduct electricity. These types of materials have recently become hot commodities in the engineering push toward nanodevices. Traditional silicon chips that power today's gadgets can be made only so small and in a restricted number of shapes. With efficient conducting plastics, engineers could eventually construct electronics that are both lighter and smaller than we have today.

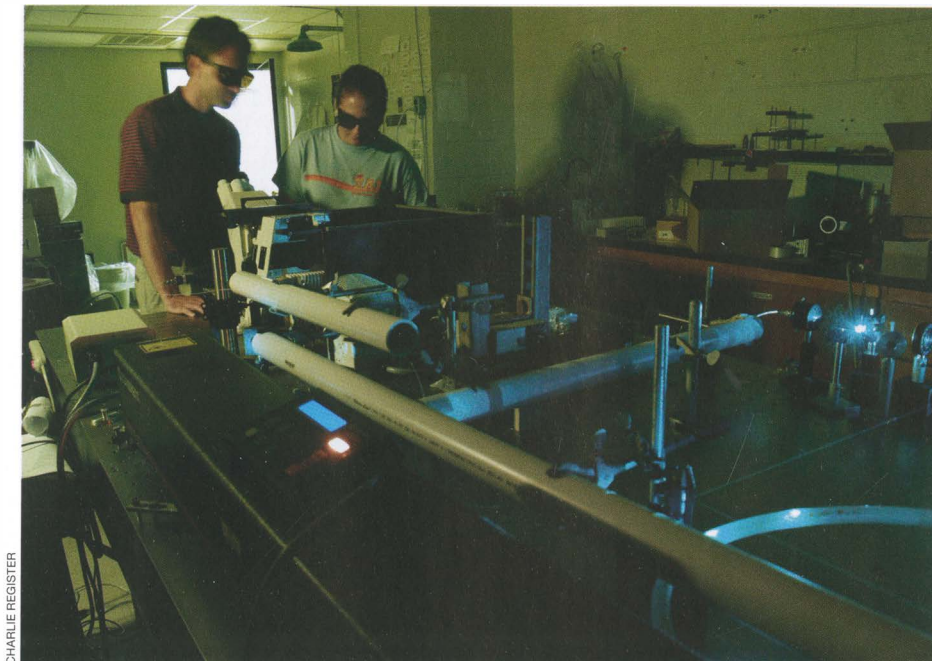
Of critical importance to nanotech research has been the discovery that in chemistry, the whole is not necessarily equal to the sum of its parts. Scientists have found that small groupings of a few atoms do not behave in the same way as larger chunks visible to the naked eye. Instead of looking like the ring on your finger, gold nanoparticles 1/3,000th the width of a human hair are actually purple — and they have unusual chemical and electronic properties.

"The color depends on how big they are, not what they're made of," Hanks says. Because of the relative number of atoms on the surface of such small particles, they could make faster capacitors for electronics, allow chemists to synthesize molecules in new ways, or serve as biological tags for new medical applications.

Bringing together new materials for electronics and circuitry could form the basis for all kinds of imbedded

Images from an atomic force microscope, clockwise from top left: Five-micron image of an additive blooming to the surface of polyethylene; two-micron image of bundles of polyethylene strands; 40-micron image of a polymer with imbedded crystals; DNA strands immobilized on mica. A micron equals one-millionth of a meter. Images courtesy Laura Wright's research group.

Using a microscope and laser, Caroline Ritchie and Jeff Petty view and count silver nanoclusters bound to DNA.



at Clemson University, Hanks is working on a project that would imbed these coating molecules as sensors inside plastic materials, allowing researchers to test strain within the plastics as they work with them. Such sensors would give researchers immediate feedback about how materials are responding and at what point they might be failing.



One of the most challenging principles of nanotechnology has been the way it breaks

down traditional barriers between the fields of biology, chemistry and physics. Biology serves as a model set of tools that work on nanoscale. Cells contain the blueprint genes leading to proteins, and those tiny proteins are like miniature factories, constantly processing food and carrying out the work of growing, moving and reproducing.

Chemists have always worked with atoms and molecules but without the specific control to make individual molecules do what they want them to do. Physicists have helped the process of analyzing and understanding the unusual properties of these materials. Success in nanotechnology involves developing comfort with elements of all three fields in new and creative ways.

Professor Jeff Petty and his students are investigating silver nanoparticles, using Mother Nature to help them in the

nanoelectronics, such as a mini-computer, or for an implantable biochip that might monitor blood glucose in a diabetic patient. Hanks and his research team of students and postdoctoral associates have been developing ways to bring these tiny pieces of gold nanoparticles together in planned patterns.

Each nanoparticle is surrounded by a coating, or a layer of chains of atoms that prevents the gold nanoparticles from forming a larger hunk of metal. This coating also helps to bring the nanoparticles together in space in a process called self-assembly, through which they arrange themselves to form a weak surface a single unit thick. The surfaces consist of nanoparticles strung together to form a platform, like the foundation of a house. The more flexibility researchers have to arrange those atoms and the more tightly they're held

together, the more options they will have to build structures on those foundations.

To create a variety of structures that are held together more strongly, Hanks has altered the chemistry of the coating on the nanoparticles. By making coatings that can be chemically bonded to each other using ultra-violet light, he and his students can "write" with nanoparticles. This flexibility to arrange the nanoparticles in different ways could give chemists and engineers greater tools to work with on a nanoscale.

"You use the trick of self-assembly to get these things to organize and then you use light to lock them into place," Hanks says. "You can make a more robust structure." Using different patterns of light in different situations gives researchers another tool to create specific patterns of nanoparticles tailored to a particular application.

In collaboration with professors

Known for his colorful personality, distinctive attire and innovative mind, Tim Hanks has built a research niche within the field of novel materials.

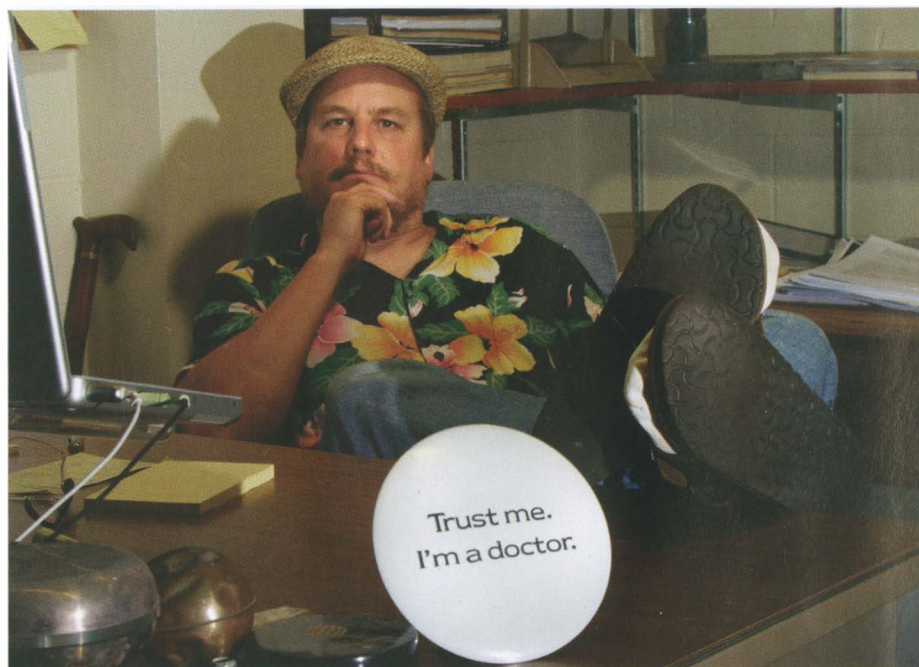
form of DNA molecules. However, instead of using DNA for its original purpose as a biological blueprint, Petty and his cohorts are using the spiral staircase structure of the molecule itself and the shapes from more than one DNA molecule when they come together.

The DNA molecules form spaces that produce nanoparticles with specific numbers of silver atoms — anywhere from one to five atoms. “The evolution of this design is right on target,” says Petty, a 1986 Furman graduate. “We kind of take and put things together and have some new ideas.”

Petty and junior Caroline Ritchie are trying to understand how to control the number of silver atoms in each cluster. But they already see interesting potential applications of the nanoclusters.

For one, the silver clumps bind only to certain sequences of DNA, making them a possible sensor for genes that are involved in a disease. Even better, once Petty and his students can control the size, the smaller nanoclusters glow one color, while the larger ones glow another. The color difference gives them two different tools to track where molecules are moving within a cell.

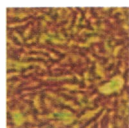
In addition, cells are notoriously finicky about what molecules they'll absorb from the outside. The DNA could serve as a packaging material to introduce these nanoclusters into a cell before releasing them to find their specific targets.



CHARLIE REGISTER

Ritchie, who began working on this project during the summer after her freshman year, was excited to be involved in research so early in her college career. In November 2004, she won a second place award for a presentation at a regional meeting of the American Chemical Society.

“I enjoy putting all of the stuff I learn in classes to a practical use,” she says. Laboratory courses are full of experiments that people have done before, she adds, “but when you’re doing research you can discover whole new things.”



The critical challenge in making nanotechnology work has been the lack of proper tools to allow scientists to catch a glimpse into the world of the minuscule. And indeed, building something with

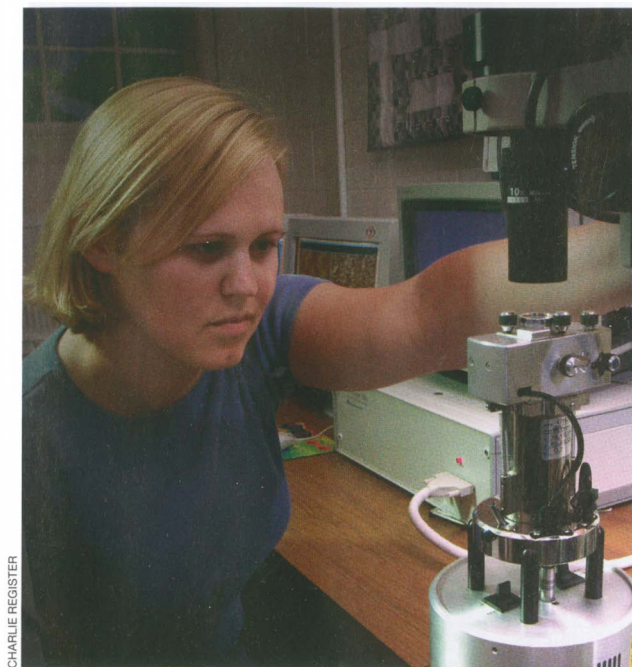
materials you can’t see would challenge even the best engineer.

“The bottom line is that we know atoms exist but we have never actually seen them,” Hanks says. “But the atomic force microscope, even though it operates on a very different principle, lets you literally see atoms. And that has completely transformed our understanding.”

Instead of magnifying with light, the way a microscope would, the atomic force microscope (AFM) is a tiny lever with a probe on its underside. The probe runs along the surface that you’re examining, and the lever moves in response to the surface, like a needle on a record player. A tiny laser reflects off the top of the lever, and the angle tells the height of the sample. A computer then processes this data into a kind of surface map.

Because of her knowledge of the

Laura Glish has become so proficient with the atomic force microscope that she has been asked to train her fellow students in its use.



CHARLIE REGISTER

AFM, chemistry professor Laura Wright is nanotechnology's eyes at Furman. She first learned about the AFM in 1989, when the technique was still very new, during a bus ride to a Gordon Conference, an annual forum where groundbreaking research in biology, chemistry, the physical sciences and related technologies is presented and discussed. She then spent a sabbatical year at the University of Arizona learning how to use it.

Recognizing the power of this tool, she convinced chemistry department chair Lon Knight that such an instrument was worth Furman's investment. Given Wright's technical expertise with the AFM, almost all nanotechnology work in the department crosses her doorstep for her input and hands-on assistance in analyzing new materials.

Because of the availability of the AFM at Furman and the Hanks group's

Hanks, learned all about the AFM from Wright, but is using the images that she has visualized to help with the design of new materials in the Hanks group. Her work with the two different groups is symbolic of the interdependence that nanotechnology demands of researchers.

Wright's expertise with the AFM has also opened scientific doors that she never expected, such as analyzing the polymers in plastic films and other packaging. Because the instrument allows her and her students to look at the actual surfaces, she can give companies a birds-eye view of what these materials look like up close. With the knowledge gained from such research, companies can create packaging that keeps food fresh by allowing certain molecules in and keeping others out. In their work with Mitsubishi Polyester Films in Greer, S.C., Wright's group has also studied

need to analyze some of their polymers (repeating patterns of small molecules strung together in long chains), Laura Glish first took on the project of working with the AFM in the Plyler Hall basement during the summer after her freshman year. Glish, who conducts research with both Wright and

plastic coatings for glass that will make it bulletproof.

But in addition to the very practical research that students working on these projects are able to do, they have the chance to see how their work applies outside the academic laboratory. Students involved in the project with Mitsubishi actually go to the plant and watch the molten plastic being stretched and flattened. "The students going to the pilot line, their eyes just get huge," Wright says. " 'Oh my goodness, is this what industry does? Wow, I never knew.' "

Wright and her collaborators at Mitsubishi have set up a unique opportunity for her research and for the company to gain useful insights. "Nobody else is doing AFM on samples like this, where they know the total history of their sample. I know exactly which way the thing was stretched on the production line. I know how much it was stretched. I know which side was in contact with air and which side hits the cooling drum, and I can see the effects of the different sides of the film and how it's produced. No one else has ever been able to correlate that," she says. "It's just been such fun."

Wright is on sabbatical this year and plans to work part time for Mitsubishi.

In other collaborations, David Johnson '04 worked with researchers at Michelin to determine how different layers of rubber in tires came together.

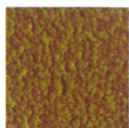
With the help of Laura Wright's research, companies can create packaging that best protects and preserves their products.

Johnson also worked with Kemet Electronics to study the smoothness of the metallic inks the company was printing on its electrodes.

"I'm a pretty practical-minded person. The most interesting thing to me was the end result," says Johnson, a Fulbright Fellow in Germany in 2004-05 who is now a researcher at Georgia Tech. "My roommates have Michelin tires, and I might have had something to do with developing them."

Bob Posey '69, a staff chemist at Mitsubishi Polyester Films, brought Wright some samples at an early AFM training session that Furman sponsored for local industry representatives. He marvels at how careful Wright and her students are and how fruitful the collaboration has been.

"Laura's good about not reading into these images that you get from an AFM," he says. "If you want to see something there, you can probably see it. The trick is, is it real? She's good about sorting all of that out."



For Furman students, the nanotechnology push represents an opportunity to do

many different types of research during their undergraduate careers.

In addition to learning how to use the AFM, Glish has synthesized some of the same polymer materials that she



CHARLIE REGISTER

has analyzed. This summer she worked on a completely different project in the Hanks group, studying different types of bonding by growing crystals and doing computer modeling. But her AFM skills did not go to waste, as she continued to run samples for Wright and helped train the next generation of Furman's AFM users.

While developing her technical expertise, Glish has also established close working relationships with her two advisors. "Dr. Wright is like my mom away from home," she says. "She's become a mentor to me, and I adore her." She describes Hanks as a "kooky" guy: "He's an amazing chemist, and he thinks so outside the box that it's scary. But he's a smart guy and really friendly, and it's just really been a good environment for me personally."

Glish is considering graduate work in chemistry or materials science but is

still uncertain as to whether she'd prefer a career in research or academics.

About the future of nanotechnology, however, she is anything but undecided. "I really think it's going to be — well, it is already, I think — the next huge thing in science, and a lot of research and money and energy are going into making things smaller and making things faster," she says. "But I think it's just a field that more people will get into in the next few years when they really learn about all the amazing things that you can do." ●

The author, who graduated from Furman in 1996 with degrees in chemistry and German, spent a year as a Fulbright Fellow in Germany before earning a Ph.D. in chemistry from Indiana University. She lives in New York City and works as a free-lance science writer. She has written for Discover, Astronomy and Science News for Kids.

The Scientific METHOD

An astronomer describes her role in developing a course designed to instill in students the ‘habits of mind’ they need to better understand the world.

BY ROBIN MCGARY HERRNSTEIN

Editor’s Note: Science and curriculum are among the hottest topics on the Furman campus today. The university is conducting a thorough reassessment of its curriculum (including General Education Requirements) and also finalizing plans for a new science complex that will foster interdisciplinary exploration and collaborative research.

Given this state of affairs, we sought someone who could comment on such issues as the importance of scientific literacy and the value of cross-disciplinary study from a liberal arts perspective. We found Robin McGary Herrnstein ’98, who holds a Ph.D. in astronomy from Harvard University. An active researcher, she has worked at a variety of sites, including the Robert C. Byrd Green Bank Telescope in West Virginia (right), which is operated by the National Radio Astronomy Observatory. For the past two years she was also deeply involved in the development of a Columbia University course geared to help students apply the basic tools of science to expand and strengthen their knowledge of the world. Her insights follow.

It is 9:20 a.m. on a Monday morning in early May. I am sitting at a desk at the front of a classroom while 80 Columbia University students (40 of whom are my own) are diligently working on their final exams. They are a diverse group, with intended majors ranging from Baltic history to mathematics and modern literature.

However, the students are not the only ones that are nervous. I have my usual final exam butterflies as well. Mostly, I wonder: Will they do well? Have they really learned something? Will they actually use it after this course? Will just a few of them look at the world a little differently from now on? In other words, I am wondering if this course and my teaching have been successful, and whether the students have learned the life skills that I have tried to teach them.

What is this course that I feel is so critical for their futures? It’s called “Frontiers of Science,” and the life skills that I hope they have mastered are the tools of science.

Science is universally accepted as a key element of a liberal arts education. However, the form in which science is taught varies widely among institutions. Many liberal arts schools, including Furman, have incorporated science into the curriculum by requiring students to take a certain number of science courses as a prerequisite for graduation. Students choose topics that interest them the most — and then, it is hoped, they learn the fundamental ideas in these disciplines. Another common approach in the teaching of science is to focus on the philosophy or history of a specific subject.

As a scientist, I do not find either of these approaches appropriate. Studying the philosophy of science is very different from doing science, just as studying the philosophy of writing is very different from picking up a pen and composing a novel.

Courses in the history of a science may focus on great discoveries, but they too have drawbacks. One of the defining characteristics





ROBIN HERRNSTEIN

of science is that it is constantly building on the discoveries of those who have come before. As a result, science has come a long way since the days of Galileo, Newton and even Einstein. In fact, every current Furman student probably knows more about the universe than did any of these men.

Today, for example, it is common knowledge that there are galaxies outside our own. However, this discovery wasn't made until the 1920s and was unknown even to Einstein in the early days of the 20th century. Therefore, while it is certainly necessary to understand Einstein's theory of special relativity

in order to understand the physics built upon it, it is unfair to study his accomplishments without considering the progress that has been made in physics and astronomy over the last 75 to 100 years.

I like to think of these three approaches as the "facts," the "philosophy" and the "story." Together, they comprise nearly 100 percent of all liberal arts course requirements in the sciences. But are they the only ways to approach general science education at the undergraduate level?

Perhaps not.



CHARLIE REGISTER

In August 2003, I was hired as a post-doctoral Science Fellow in Astronomy at Columbia University.

At Columbia, I also joined a group of like-minded scientists in an experiment to see if there is a better way to approach science education at a liberal arts college. My role during the past two years was to continue and expand my research in astronomy — and to help design and

teach a new course for first-year students called “Frontiers of Science.”

You may be asking, “Why do we need a new approach to science education?” In answering this, we must first consider the objectives of a liberal arts education.

The primary objective of liberal arts programs is to produce well-rounded graduates who will become productive

citizens. But how does science fit in to this idea? Do we simply want students to have an appreciation for science? Do they need some basic knowledge in one or more specific fields? Or is there something more that we can teach them?

It is common knowledge that American students lag behind their counterparts around the world when it comes to science and mathematics. This fact should be of concern not only to scientists, but to the country as a whole. Without basic science literacy, citizens must rely on the words of others, as opposed to formulating their own opinions. They must simply accept the scientific claims that are presented to them through the media. Such reliance on outside sources can make people susceptible to gimmicks, deception and misunderstandings.

Suppose you hear a two-minute story on the evening news announcing a possible breakthrough in treating cancer. Should you consider the new treatment? Or perhaps you read a news item announcing the discovery of a correlation between some environmental factor — let’s say a favorite baseball team — and a child’s ability to succeed in school. Should you automatically encourage your daughter to drop the Braves and become a Red Sox fan?

To answer these questions, you need the basic tools of science. You need to know how to examine and interpret data. Is the result significant? Did they test the new cancer drug on enough people? What other factors might be causing the observed correlation between supporting certain baseball teams and grades in school?

These are questions that all of us *should* ask. Most scientists ask them almost as second nature; we are, after all, a skeptical group. It’s not that we believe everyone else is doing shoddy research. Instead, as scientists, it is our job to question, to check and, ultimately, to discover for ourselves if the data are convincing.

The desire to instill in students the critical thinking skills and quantitative tools that scientists use to look at the world led the science faculty at Columbia to develop “Frontiers of Science” as a new core course for first-year students. Rather than focusing on facts or stories, this course focuses on the skills used by scientists



KATIE LEVANS

to advance our knowledge of the world around us.

Termed the “Scientific Habits of Mind,” these skills include graph reading, estimation techniques, basic statistics, correlation and causation, proxies, models and data analysis. Students learn these skills by studying current research in four “hot” fields, such as conservation biology, brain and vision, global climate change, and the evolution of language. Once they complete the course, the theory goes, they should be able to apply the skills they learn to their lives.

Not only does the design of “Frontiers” prepare students to approach the world in a more quantitative manner, but it also gives them an accurate picture of what science and scientists are really like.

For one thing, the idea that unexplained scientific mysteries still exist is often lost in introductory science courses. While focusing on current “frontiers,” students become involved in the debates and questions that occupy the research time of their instructors. Early in the term, students often can’t understand why their instructors don’t know all the answers. It takes time for them to accept that some questions simply haven’t been answered

yet! However, once they develop an appreciation for this idea, I believe they find science more exciting.

One of the most unique characteristics of “Frontiers” is that each professor teaches every subject. Over the past two years I taught stellar astronomy, environmental biology, global climate change, the anatomy and physiology of the brain and its relation to vision and language, the fundamental networks of the human body, and more. While this can be disconcerting at first (to both instructor and students), the idea is that as a Ph.D. scientist you have mastered the “Habits of Mind” and can apply them to fields outside your expertise.

Most students respond positively to this approach, and many say that they learn a lot by watching the way I approach a new scientific idea or question. What questions do I ask? What do I believe? What makes me skeptical? In some ways, my own lack of expertise may be the most efficient way to convey the elements of scientific thinking to undergraduate students.

One other feature of “Frontiers” makes it an unusual course. As a result

of the structure of the core program at Columbia, all first-year students — even the roughly one-third who plan to major in mathematics or science — take “Frontiers of Science” (along with eight other core courses). While this approach differs from Furman’s, which allows students to select from an assortment of General Education courses, it raises an interesting question: Can a core science course offer anything of value to science majors?

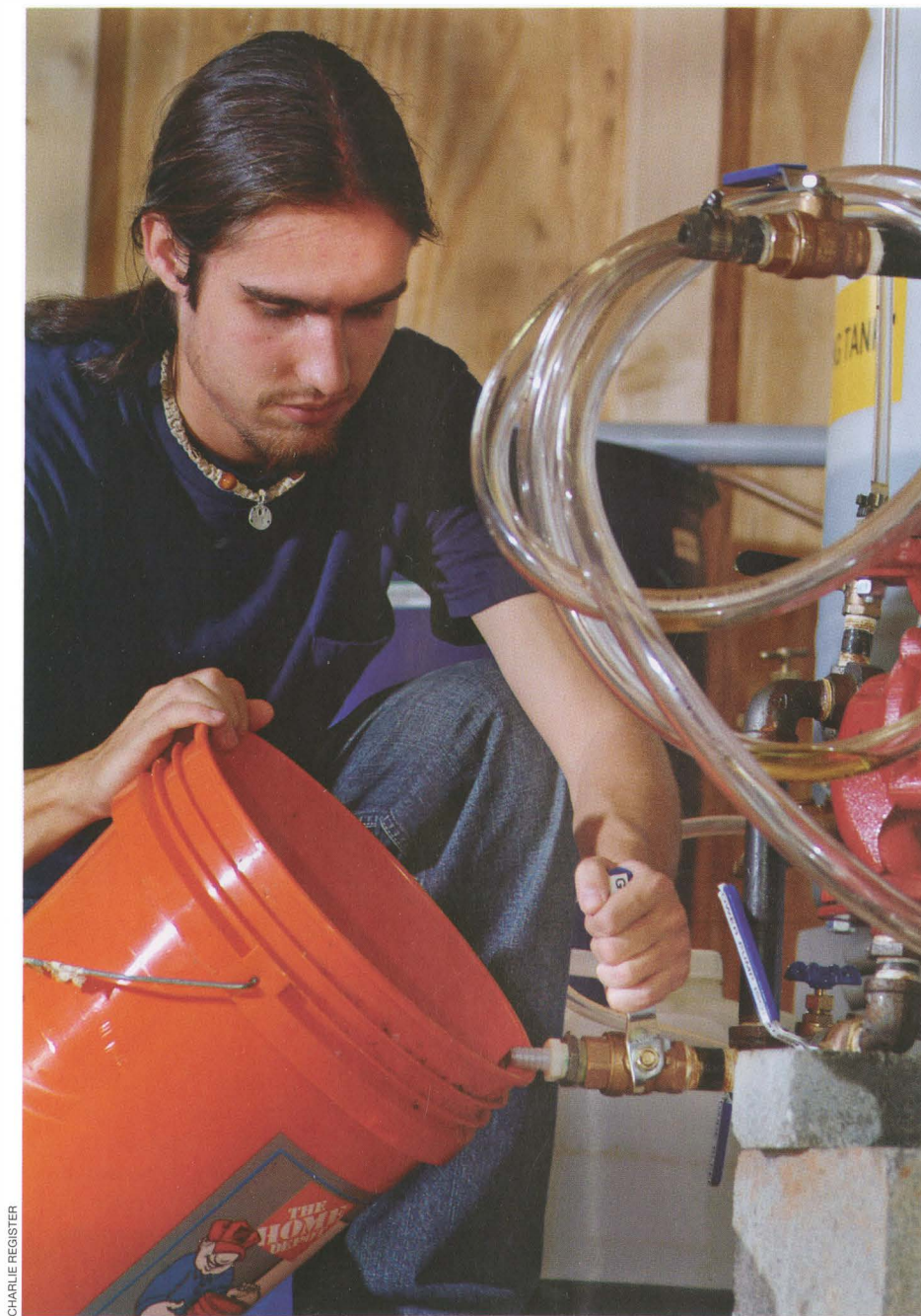
I believe it can. One of the main goals of a liberal arts college is to produce well-rounded graduates. As did all of my Furman classmates from the mid-1990s, I found myself taking a wide variety of classes as an undergraduate: French, religions of the world, modern Japanese history, and others. However, the one area in which I was not especially well-rounded was science.

As a physics major, I fulfilled my General Education science requirement with classes in my major. As a result, I did not take a single class in biology, geology or even chemistry while at Furman. In graduate school, I became even more specialized. I focused on astronomy, then radio astronomy, then radio emission from the center of the Milky Way galaxy, until I eventually defended a thesis on the molecular environment around the supermassive black hole at the Galactic Center.

My story is not unique. Scientific fields, and the scientists who work in them, are becoming increasingly specialized. This specialization is necessary because of the vast amount of knowledge and rapid pace of discoveries in each field.

But does specialization mean that a geologist must completely lose touch with current research in astronomy, chemistry or biology? And, if so, is the abandonment of all other sciences really in the best interest of a geologist, or of geology in general?

Since becoming involved in “Frontiers,” I have learned (and taught!) evolutionary biology, Earth-climate, the evolution of language in humans, and the chemical processes that regulate the networks in our brains and our cells. These interdisciplinary opportunities have been among the most rewarding aspects of my job. I have renewed my general interest



in *all* science — and some fields that never interested me before, such as biology and geology, now seem to be the most exciting.

The cross-disciplinary structure of “Frontiers” also encourages interaction among the scientists involved in the course. In the past two years, I have worked with scientists from fields outside physics and astronomy whom I almost

certainly would not have met otherwise. The toughest questions I have been asked about astronomy have come from biologists and geologists. This interaction has caused me to look at my field and my research in a new light — and to remember the importance of keeping the big picture in mind while conducting my own research.

I believe undergraduate science majors also benefit from a cross-disciplinary

experience if it is carefully designed so as not to be a general survey course. In “Frontiers,” we do *not* try to cover all of science. Rather, we focus on a few hot topics. The research we study is cutting-edge; few (if any) students examined these topics in high school. In fact, we often use articles from recent issues of *Nature*, or even unpublished work by our colleagues. This “frontier” approach produces science majors with an understanding of important current questions and challenges in fields other than their own.

The course’s structure also offers students interested in the sciences a unique opportunity to see current research in several different fields before beginning their own major. The focus on research gives them a sense of what it is like to actually *be* a professional biologist, geologist or astronomer. What is it like to work in a lab, to do field work in East Africa, to analyze data from the Hubble Space Telescope?

Students are invariably amazed to discover that the majority of my research time as an astronomer is spent in my office in front of a computer rather than on a distant mountaintop. In fact, I spend only a tiny fraction of time gathering data (and even this can often be done remotely, with the data being sent to my computer via e-mail). The analysis and interpretation of the data take the majority of my time.

With a better knowledge of the process of research in a variety of fields, first-year science majors can make a more informed decision when they choose the field in which they want to major. I have seen more than one student change his or her intended science major as a result of this course. Who knows . . . if I had taken “Frontiers,” perhaps I would now be writing this article as a climatologist or behavioral psychologist!

The “Frontiers” approach is far from complete. Although we have learned a lot about science education in the past two years, there is ample room for improvement. The course is certain to evolve over the next few years, as we continue to seek the best way to get our ideas across to students.

Regardless of the final outcome for “Frontiers,” I think there is a growing feeling at many universities (including

In Townes' footsteps

When working in astrophotography as a freshman at Furman, I never thought that I was taking my first steps toward becoming an astronomer. And when, as a graduate student at Harvard, I decided to study molecular emissions from the center of the Milky Way galaxy, little did I know that I was following in the footsteps of Charles Townes — arguably Furman's most illustrious graduate.

Townes is best known for his groundbreaking work in the development of the maser and laser, which earned him the Nobel Prize in physics in 1964. However, few people are aware of his work in astronomy.

Although I knew about Dr. Townes as an undergraduate — after all, most of the prize lectures occurred in Plyler Hall's Townes Auditorium — I did not appreciate his contributions to astronomy until I was in graduate school. When I chose to work with Dr. Paul Ho of the Harvard-Smithsonian Center for Astrophysics, the first paper he had me read was titled "Interstellar Ammonia" — by Ho and Townes. The paper covered the physics of emission from molecules of ammonia that are found in dense clouds of gas where stars are formed. I would be looking at emission from these molecules as part of my thesis.

The connections didn't end there. Not only did I observe molecular emission at microwave wavelengths from ammonia molecules, I used this emission to study the structure and kinematics of gas clouds near the supermassive black hole at the Milky Way's Galactic Center. It turned out that the Galactic Center was one of Townes' specialties, and I came across his name many times as I was doing my research.

In March of this year, I attended a conference on the Galactic Center held at the University of California-Santa Barbara, where I was scheduled to give the opening talk. As I ate a bagel and set up my laptop, I looked into the audience. There was Charles Townes! We had met a few times before, but I had never presented my research to him. Fortunately he received my work favorably, although not without asking some penetrating questions (as he did on a number of occasions throughout the conference).

After my talk we were discussing our common backgrounds, and he pointed out that he, too, had spent time at Columbia



The author visits Atacama Desert in Chile, site of the Atacama Large Millimeter Array telescope.

COURTESY ROBIN HERRNSTEIN

early in his career. In fact, it was during his stint at Columbia that he developed the maser, using ammonia gas. Once again, I had unknowingly followed in his footsteps.

I have always enjoyed sharing a Furman connection with Dr. Townes. His continued support of science at Furman — including his generous gift for the new science complex — is a true testament to the fondness with which he views his alma mater. I hope that, in this regard, I will once again follow his lead and be able to give something back to Furman in the future.

— Robin McGary HerrNSTein '98

Furman) that the science component of liberal arts requirements should be carefully considered and modified to reflect the changing needs of students. It has been rewarding to be a part of the development and implementation of one college's attempt at a new approach to science education.

While the implementation of such a course must be tailored to each uni-

versity, the ideas and goals of a skill-based science course can be applied in a variety of university settings, and even in high schools. Ultimately, I believe that students who emerge from college equipped with the quantitative tools and critical thinking skills associated with science will have a great advantage in the increasingly complex and changing world in which we live. ●

The author graduated summa cum laude, Phi Beta Kappa from Furman with degrees in mathematics and physics. While doing her graduate work she was a Harvard Merit Fellow and recipient of the Harvard Teaching Award. To learn more about her work, visit her Web site at <http://www.astro.columbia.edu/~herrNSTein>.

PLAYING HER **Shots**



AFTER FAILING TO EARN HER LPGA TOUR CARD, FORMER ALL-AMERICAN GOLFER CINDY DAVIS FIGURED SHE WAS OUT OF THE GAME FOR GOOD.

NOW SHE'S HEAD OF NIKE GOLF.

BY TODD SCHWARTZ

1. ADDRESS THE ball.

Oregon has entire towns smaller than the world headquarters campus of sports giant Nike. On a lush green site in the Portland suburb of Beaverton, gleaming buildings named for such Nike luminaries as Michael Jordan, Mia Hamm and Tiger Woods rise amid fountains, rolling lawns and a man-made lake. It's a stunning place to work.

Too bad Cindy Davis' office isn't there.

A short swoosh to the west, in a pale-by-comparison building called The Rogue, is where Davis calls her shots. No matter. One of the golf industry's most respected executives, friend to links legends including Nancy Lopez and Arnold Palmer, former top NCAA Division I golfer and, since January of this year, the U.S. general manager of Nike Golf, Davis doesn't care that much about her office, anyway. As she has since she was the only girl on her high school golf team — and as she has since she was captain of the Furman women's team in the early 1980s — Davis saves her focus for results.

And focus is something this 43-year-old business leader knows how to do.

"She's somewhat of a workaholic," says Palmer, her mentor and former boss. "She's also very smart and very talented."

Which is how you get to be one of the brightest lights in the golf industry — without ever once actually looking for a job in the golf industry.

2. TAKE THE CLUB BACK LEVEL AND steady.

On those long warm days, when her family had come down from their home in Bowie, Md., to summer in Myrtle Beach, S.C., Davis was as bored as only a 13-year-old separated from her friends can be. They were staying next to a golf course, so, motivated by ennui and exercise, she and her sister took up the game that their dad played.

Blessed with a lot of athletic ability — which wags and certain John Daly fans might claim has little to do with golf — Davis was immediately good at a game in which few people are immediately good. Soon she was on the only golf team her high school fielded: the boys' team. By 16, she was playing on the pre-eminent junior amateur golf tour,

the American Junior Golf Association. A few colleges began to take notice.

"My dad told me that if I wanted to go to a school out of state, I'd better find a scholarship," says Davis with a smile. "We looked at several opportunities and chose Furman because it was such a strong academic school."

It also didn't hurt that one of Davis' heroes, Beth Daniel, now a Ladies Professional Golf Association Hall of Fame member, was a 1978 Furman grad. And that the Furman women's team had won the national championship in 1976. And that one day her phone rang and it was Betsy King '77, then a fast-rising pro and today another LPGA Hall of Famer, calling to personally recruit her.

"That was very exciting," Davis says, "and I liked the fact that Furman was a small school with very high standards. Not to mention nice weather and its own golf course! Everything just seemed to fit."

So, in 1980, Davis found herself on the Bermuda-grass fairways of the Furman Golf Course, with the Blue Ridge foothills and some very good golfers around her. By the time she graduated with

an economics degree in 1984, she had been named an All-American three times, shot a series of great rounds to finish second in the 1983 NCAA tournament, and found one of her first and fondest mentors: coach Mic Potter.

"Cindy is one of my all-time favorite student-athletes," says Potter, who this summer left Furman after 23 years as women's coach to take the same job at the University of Alabama. "She worked hard and excelled at everything she did, whether it was school or golf. Cindy was instrumental in turning our program around in the early '80s. Her scores were a major factor, but her leadership and recruiting ability helped give Furman the total package."

"Mic really developed me as a player," Davis answers, "both as a swing coach and a mental coach. He also helped me develop as a human being. He's very good at what he does, and he stands for all the right things."

Davis also discovered something else that would follow her through life: Team was her thing. "I loved playing college golf, and the part I loved the most was being part of the team," she says. "I really enjoyed our mission, our tradition, our community."

What came next? Since her teens, Davis had thought about turning pro. Watching tournament players on television, particularly Nancy Lopez, who would one day become a close friend, Davis "couldn't help having those aspirations."

After leaving Furman, she played on the mini-tour, a group of second-tier tournaments where many young pros go to find their games. After a few months she went to qualifying school, a sort of trial-by-fire during which, if you play well enough, you earn your LPGA tour card, a one-year passport to the big leagues of women's golf.

Davis missed the cut — the first in a series of lucky breaks in her career.

"It was a blessing in disguise," she



As a college junior Cindy Davis placed second in the NCAA golf tournament.

says. "At Furman I had taken the tests to go on to business school, which is what happened. I never get wistful about not playing on the tour. The business side was the right path for me. Better for me than going out there and teeing it up every day."

The path took her to the University of Maryland, where she earned an M.B.A. degree in 1987, concentrating on marketing and finance. Her first job was in sales and promotions with Hallmark Cards. By 1992 she was the director of marketing and communications at American Indemnity, part of the Dun & Bradstreet Corporation. Beyond kicking a few surprised male behemoths at corporate golf events, Davis was out of the game.

"I really wanted to establish myself as a business person, not a golf person," she recalls. But without any encouragement on her part, golf was coming back into — you could even say rolling perfectly onto the bentgrass green of — her life.

3. KEEP YOUR HEAD *still*.

In graduate school, Davis' favorite class was entrepreneurship. She was drawn to the challenge of starting from an idea, building a team, thinking strate-

gically. So it's little wonder that when not one but two people (who didn't know each other) called and said that they'd heard about a new job at the LPGA and thought of her, she couldn't say no.

"At that time," Davis explains, "almost all of the LPGA staff was dedicated to running and marketing the pro tour. There was a less known and less emphasized part of their business, a division for women who are club and teaching pros, and they needed someone to come in and build that side. My first thought was, 'What fun!'"

"I hired Cindy, and she did a great job," remembers former LPGA commissioner Charles Mechem, another of the people Davis cites as a mentor. "What you see upon first meeting Cindy is what you get. She's intelligent, decisive, direct and very professional. All of those traits came through."

Davis set to work creating education and training programs and other events for club and teaching pros. She was successful enough that in 1994 she was asked to take over marketing and communications for the pro tour as well.

"I remember the first player meeting I went to," says Davis. "I saw all these amazing golfers, including people I'd competed with in college, some former teammates even. I was struck by how magical it was to marry a business career with the game that meant so much to me growing up. I'd really been blessed."

By 1997, 13 years after leaving golf behind, Davis was vice president of the LPGA. Then, a little more entrepreneurial serendipity: She received another opportunity to create something from scratch.

The Arnold Palmer Golf Company was looking for someone to develop, build, brand and market a new equipment division. And it didn't hurt that it would be built around one of Davis' golf icons, Nancy Lopez.

She accepted the job as executive vice president and general manager of Nancy Lopez Golf in June of 1997. By



October, she was deep in the corporate equivalent of a buried lie in a nasty sand trap.

4. TURN YOUR SHOULDERS AND HIPS TO THE *target.*

"As you only find out when you get inside, the company had a lot more fires going on than were apparent," Davis says in her characteristically considered way. "Four or five months after I was hired, the president of the company was let go — only a few weeks before we were set to launch the new product line. We went ahead with our launch, and not long after that I was asked by the board chairman and by Arnold Palmer to take over the entire business."

And the business was in trouble. Arnold Palmer Golf consisted of the

Palmer equipment line, a golf bag division and the new Lopez line. At the time, Davis concluded the company had but one viable option: rapidly build value in those product lines and preserve the good names of the people involved, with the eventual goal of selling the business. After less than a year at the company, Davis knew that if she did her job right, she'd be unemployed in 12 months.

"I classify that experience as my second M.B.A.," Davis says. "To this day I will say that it was the best business experience I've ever had. The company was in distress, and you often discover the best business people when the situation is tough. My colleagues and I at Arnold Palmer took a journey together, went through a tough experience and came out on the good side of it, I believe. It certainly wasn't easy."

The worst of times was when she had to shut down one of the company's two factories, the one in Tennessee that had been making clubs for Palmer for decades.

"That was very difficult for Arnold," Davis recalls. "In those days building golf clubs was a handcrafted art, forging and grinding these gems, and some of those people had worked there for 30 years or more. I remember Arnold got very emotional that day. It was tough. And I had to have police protection, which was pretty daunting."

For his part, Palmer remembers her strength: "Cindy impressed me as being a very smart, astute businesswoman who made many personal sacrifices to accomplish her goals. She was very efficient and thorough. Her honesty and intelligence helped her tremendously."



STEVE DIPAOLA

"I've always felt that I know how to generate revenue," Davis explains. "The key to anything is having all the right people on the same team, and I've always been fortunate to work with a lot of really talented people."

In the end, Davis, as president and CEO, managed to bring the Arnold Palmer Golf Company back to the point where all of the divisions were successfully sold. It was the kind of turnaround that could make good television. Which is where Davis went next.

5. STAY BALANCED AS THE CLUB ACCELERATES INTO THE ball.

In some 100 million homes on four continents, it's now possible to watch golf 24 hours a day. Who could have first believed that anyone would want to?

That would be Mr. Palmer and cable TV entrepreneur Joe Gibbs, who co-founded The Golf Channel in 1995.

As the century made the turn, Gibbs had noticed what Davis was doing for Arnold Palmer Golf. When she became available in late 1999, he offered her the next job for which she hadn't been looking.

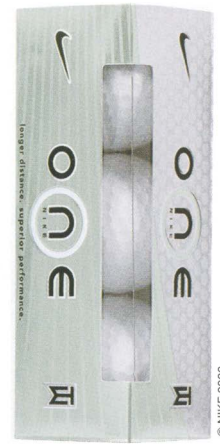
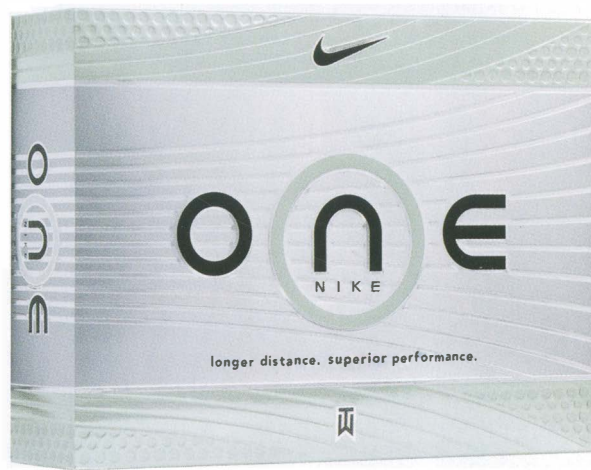
"On the surface it was a completely different business, and yet in many ways it wasn't so different," Davis says. "What I liked was that it was a media business. I was responsible for overseeing all our advertising sales, our pro-tour relationships and events, our other special events and our Web business. Once again, I couldn't say no."

Once again, she was often the only woman in the room. Which brings up the point of being one of the few females in a

male-dominated industry — a point Davis dismisses quickly.

"I want to see more women in leadership positions in every industry, not just this one," she says. "I feel a responsibility to help that happen in any way I can. But personally, I've been blessed with so many great opportunities — and terrific mentors who haven't cared about my gender, only that I have delivered the goods. In my opinion, it always comes down to this: If you don't produce, if you don't make it happen, it doesn't matter who you are."

Davis made it happen over four successful years of growth at The Golf Channel, serving a client list led by major golf and travel companies. One of those clients, an up-and-coming enterprise called Nike Golf, eventually came to know her well enough to offer her a dream job.



6. FOLLOW THROUGH^{high}.

With the exception of Hootie and Augusta, just about everything in and around golf is changing. Not so many decades ago, nearly all golf courses were private. Now 80 percent are public. Today, one of every five golfers is a woman.

Technology in every aspect, from balls to clubs to clothing, is making the game easier and more accessible for the average player, although the median handicap remains about the same. If he played the game today, Mark Twain might amend his take on golf from “a good walk, spoiled” to “a good walk, made only slightly frustrating, in some very comfortable shoes.”

For professional players, the new technology and their growing athleticism mean towering 330-yard drives (and that’s just Michelle Wie) and rampant grousing from traditionalists that their beloved game is going to hell in a carry bag. Courses designed for the players of yesterday are beginning to look like pitch-and-putt layouts to today’s pros.

But modern golf is also somewhat stuck. Participation has remained flat, at around 25 million players, for several years. Golfers who stop playing cite expense, difficulty and time commitment as their chief complaints.

It was into this environment that Nike, the 8,000-pound gorilla of global sports, strode less than a decade ago. Today, thanks to its legendary marketing

acumen and a certain Eldrick Woods, Nike is No. 1 globally in golf apparel, No. 2 in footwear, and gaining on the leaders in balls and clubs.

It also doesn’t hurt when magic happens.

Remember this year’s Masters? Tiger’s storied victory? His chip on 16, the close-up of the golf ball, Nike “swoosh” front and center, teetering on the lip, then falling into the cup under a blazing, brand-ing sunshine?

If you don’t remember, it is Cindy Davis’ job to see that you will.

“This job is the culmination of all my experience and interests,” she says, smiling in front of the framed bib worn by her caddy (and father) at the 1983 U.S. Open. “I have an exceptional opportunity to take the Nike brand and bring it to the business in a way that resonates with golfers. I’m overseeing the U.S. golf business, which really means overseeing five different businesses — footwear, apparel, clubs, balls and bags, and accessories — which are all at very different stages in terms of market share and growth. That’s interesting just in itself.”

It should be clear that Davis is not given to overstatement — probably a result of spending her formative years in the usually decorous quiet of the golf course. In person, a close observer can tell that, indeed, this seems to be her dream job.

Then comes what, for Davis, passes as a virtual outburst: “Let everyone know I’m still a proud Furman Paladin! And that

one of my colleagues at Nike Golf, Stan Grissinger, is also a Furman alum [Class of ’87]. Two Furman alums in the same company out in Portland is pretty cool for a little school in South Carolina.”

Today Davis plays golf only occasionally, and under new rules: “It has to be great people, a great course and great weather. I enjoy the experience in a different way now, because I’m sure not the player I used to be!”

She spends more of her limited free time training for her new sport: mara-thoning. Good choice for somewhat of a workaholic, one might posit. “It’s a kind of crazy habit, I know,” Davis concedes with detectable pride.

“It is no surprise to me that Cindy has accomplished all that she has in the business world,” says Mic Potter. “She is one of the best students ever to go through the Furman program. Combine that with a knack for making the right decision at the right time, and tremendous people skills, and you have a leader.”

“She will be successful in whatever endeavor she tackles,” adds Arnold Palmer, going not very far out on the limb.

So look for the Cindy-and-Eldrick team to take Nike Golf to the head of the pack. Then we can see what job that she isn’t looking for will come next. ●

The author is a free-lance writer in Portland, Ore. He claims he would be a decent golfer if only golf courses curved endlessly to the right.

A Message of Hope

KELLY CLEM'S LIFE OFFERS TESTIMONY THAT, IN THE MIDST OF A CRISIS, GOD CAN PROVIDE THE ASSURANCE AND COMFORT WE NEED.



CHARLIE REGISTER

*K*elly Haugh Clem's voice is full of joy. It wraps each of her words in a warmth and relish for life that hardly seems possible for someone who has endured such unimaginable tragedy.

When she delivered her Religion-in-Life lecture to students and faculty gathered in Furman's Daniel Chapel on April 21, 2004, her voice conveyed the message she came to give. "Hope is a theme for me," she said. "Those are the lenses through which I choose to see life."

Clem, who graduated from Furman in 1982 with a degree in psychology and went on to earn a Master of Divinity degree from Duke University Divinity School (she also holds a master's degree in counseling), spoke about her experiences as a Methodist minister and titled her lecture "Hope in the Midst of the Storm."

We've all weathered a few "storms" in our lives, but for Clem, the storm was quite literal. In 1994, while she was serving as pastor of Goshen United Methodist Church in rural Piedmont, Ala., a tornado hit the church during the congregation's Palm Sunday worship service. The tornado took off the roof and knocked down the south and north walls of the church. Twenty members of the church died, including one of Clem's daughters, 4-year-old Hannah. Eighty-six others were injured.

The questions quickly followed. Those who heard the news wondered, "Why?" "How could this happen during a worship service?" "Where was God?"

But for Clem, there were even more important questions. "I don't think God calls for death," she said. "I don't think God made that tornado come to our church. I don't think it was anything that we did wrong. We live in a natural world. Tornadoes and hurricanes come, and we can't control those things. . . .

"A lot of times we ask, 'Why me? Why did this bad thing happen to me?' But I think God wants us to ask deeper questions. That is, what am I going to do about it? How am I going to respond to what's happened to me? I have plenty to cry about. In fact, most of us have a bucket of tears we keep to ourselves. But I believe God has a bucket of blessings if we'll only look for them."

Clem responded to the tragedy by looking for those blessings, despite her despair. "God did help us," she says today. "God gave us the strength to get through it, and that's no small thing. I look at what happened with sadness always, but also with deep, deep gratitude, because God was there to help us pick up the pieces."

The community was inundated with phone calls and letters of support. Clem received one of the most assuring letters from one of her seminary professors at Duke, Stanley Hauerwas. To her and her husband, Dale, he wrote simply: "You are not alone."



BY KAREN GUTH

And before the rubble had even been cleared, the Goshen congregation expressed a desire to worship together for Easter. “The biggest thing for me was that people called and said, ‘We have to worship for Easter. We have to be together for Easter.’ And at first I thought, ‘Oh, gosh, we’ve lost our church. I don’t have a job. I don’t have a place to go and have a church. I don’t have a parsonage anymore.’ I couldn’t imagine how we could worship for Easter.”

But they did. At the time, Dale was a college minister; his students brought folding chairs and a sound system to the church parking lot. Someone erected a wooden cross, and the congregation gathered on the lawn in the early morning. They faced the rubble, and a student sang “Holy Ground.” Kelly opened the service with words from Romans that had been reverberating in her head for days:

“Who shall separate us from the love of Christ? Shall tribulation, or distress, or persecution, or famine, or nakedness, or peril, or sword? . . . For I am convinced that neither death, nor life . . . nor things present, nor things to come . . . nor anything else in all creation will be able to separate us from the love of God in Christ Jesus our Lord.” These words expressed her conviction that “one of the greatest gifts of the Christian message is the assurance that we are not alone.”

But what affected her most that morning was the sunrise. “That said to me that it was a new day. God was still creating beauty. There was a newness and a freshness about life. That was the most significant thing for me that week — to see the sun rise, to stand there with my congregation, my family and friends for Easter and to celebrate that the resurrection of Christ is real.”

Clem also responded to the tragedy by celebrating the joy Hannah had brought to her life. She describes Hannah as a handful, a precocious and exuberant child who taught her a lot about spirituality. She recalls how Hannah would throw a ball into the air and get mad at God for not catching it, or swing on the swing set and imagine she was getting closer to heaven.

On one occasion Clem walked into a room to find Hannah talking aloud to someone. When she asked Hannah whom she was talking to, Hannah replied as though the answer was obvious: “I’m talking to God!”

Hannah’s deep spirituality showed in her love for the natural world. She often gathered acorns to give as gifts. She loved seeing the purples and pinks in the twilight sky, and she delighted in rainbows and in climbing trees. It is these very things that offer Clem hope and remind her of Hannah’s love for God and the natural world.

“After Hannah died,” she says, “I found myself drawn to any sign of new life: the pansies she had planted which kept blooming all summer, the oak tree seedlings where she used to plant acorns, and just anything that came out of the ground. We built a wonderful playground in her memory, and we love seeing

all kinds of people enjoying the swings and the slides. I truly believe God is trying to send us a message that there is always new life to be enjoyed every day of our lives.”

This recognition has given Clem a heightened sense of gratitude for life and those she loves. “I’ve learned the deeper things in life from this. I’ve learned not to take life for granted, not to take my children for granted. I hug and kiss my children and husband often, and I spend a lot of energy trying to keep the right balance of family and ministry.”

Since the tornado, Goshen United Methodist Church and Clem’s family have experienced a great deal of new life. In July of 1996, the congregation celebrated the dedication of a new church building, built in the shape of a butterfly, a symbol of rebirth. The stained glassed window also pictures a butterfly and a rainbow, symbolizing hope.

A few months later, the Clems’ third daughter, Laurel Hope, was born, joining older sister Sarah. And a few years later, the family followed a call to missions work in Lithuania through the General Missions Board of Global Ministries of the United Methodist Church. Their missionary service included language training, missionary training and church visitations within the United States. In Lithuania they served as pastors in five cities, established two new congregations and trained leaders and laity.

Clem speaks with admiration of the people she met in Eastern Europe who have endured tremendous hardship — concentration camps, exile in Siberia, religious oppression, the nuclear accident in Chernobyl. These are people, she says, who have persevered through seemingly hopeless situations. Her ministry with them deepened her understanding of hope.

“I can see more clearly that we live in a world that is desperate for a message of hope,” Clem says. “The people of Lithuania had lost so much during the Soviet era, and they were hungry for a message of hope.”

The Clems have since returned to Alabama and continued to experience new life in their ministries. Dale is pastor of a church in Huntsville, and Kelly is planting a new church in Decatur — called “Hopesprings.”

She says, “When I was asked to give a metaphor for my new church, all I could think of was seedlings. We were just tiny seeds being sown everywhere, germinating slowly but surely.”

And as she looks ahead, what does she envision? True to her conviction, she sees a future filled with hope. “We just keep looking for God, everywhere we turn,” she says. “For me, and for us as Christians, there’s hope in any situation. . . . God has promised us a future with hope. It’s all in the way we look for God, and look for signs of hope.”

The author, a 2001 Furman graduate, spent the 2004-05 academic year as an intern in the Furman Chaplains Office. Holder of a master’s degree in religion from Harvard University, she is pursuing a Ph.D. at the University of Virginia.

Dramatic *debut*

ALLEN FOX STEPS FR

David Allen Fox's Furman résumé reads like that of your typical, highly involved college student. It includes:

- A summer internship in Washington with Georgia Congressman Nathan Deal.
- Work with Furman's student activities board, student government and Orientation staff.
- Study abroad in London and Brussels.
- Membership in KA fraternity.

And when the strapping, amiable Fox marched across the Paladin Stadium stage June 3 to receive his bachelor's degree in political science, those credentials suggested he was fully prepared to pursue his pre-college plan of attending law school. Right?

Not exactly. Instead, he's about to hit the road for the next six to nine months — as Jimmy Smith, the male lead in Troika Entertainment's national tour of the Tony Award-winning musical "Thoroughly Modern Millie."

A song and dance man? In a traveling Broadway show? Where did this come from?

You wouldn't be the first to ask. As a casting agent at the Southeastern Theatre Conference in Greensboro, N.C., said to Fox last spring, "Who are you and what are you doing here?"

This was, mind you, after he had gotten 47 call-backs based on one 90-second audition. We're talking a fair amount of dramatic presence here.

So who is this poli sci guy, who took only one college acting course and never appeared on stage at Furman?

"He's one of the most gifted and talented students I've known in 41 years of teaching," says Pam Ware, legendary drama instructor in Gainesville, Ga., where Fox's story begins.

Under Ware's leadership, the Gainesville High drama department has over the last three decades established quite

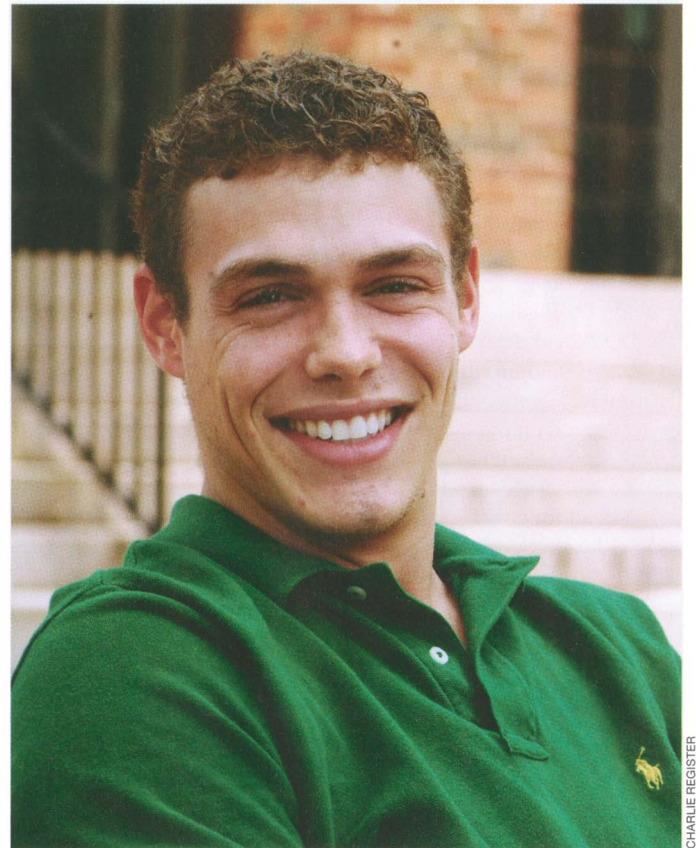
a name for itself, producing three major plays and as many as five musicals a year. Says Fox, a product of the school, "The joke is that the soccer and football coaches set their seasons around the theatre schedule."

Through the Gainesville parks and recreation department, Ware also conducts theatre classes for children of elementary and middle school age. That's where she and Fox began working together. By the time he reached high school, she knew full well what kind of talent he had — and promptly began casting him in major roles.

"He performed in all sorts of plays and musicals," she says. "And he had no professional vocal training — just God-given talent."

Fox responds in kind: "Pam Ware is one of the most influential people in my life and I wouldn't be anywhere I am today without her."

When time came to consider colleges, Fox looked into studying theatre at such institutions as Carnegie-Mellon, Florida State and Webster Conservatory in St. Louis. Ware was all for it, but Fox decided he wasn't ready to commit to theatre life.



CHARLIE REGISTER

FROM THE FURMAN CLASSROOM TO A LEADING ROLE IN A TOURING BROADWAY SHOW.

"I thought I needed to focus on academics," he says. "I knew that a career in theatre wouldn't be anything like high school. It's a business, and I didn't want to ruin those happy memories."

He decided to enroll at Furman, where he immediately immersed himself in college life. Except for theatre: "With Furman's academics," he says, "I couldn't do everything."

Thinking he wanted to follow his father's lead and become a lawyer, he arranged to intern with Congressman Deal following his freshman year (2002). But he emerged from that summer with much more than he had bargained for.

On a break from his Washington work, he and a friend traveled to New York to see "Oklahoma." There, enthralled by the Rodgers and Hammerstein show, Fox had his Damascus-road moment.

"I need to be doing this," he recalls thinking. "I need to be on stage."

Pam Ware's response when he informed her: "I told you so."

She encouraged him to pursue summer stock the next year, referring him to Seaside Music Theater in Daytona Beach, Fla., one of the South's premier companies. He hadn't sung or attended an audition in two years when he traveled to the Seaside tryouts in the spring of 2003 with only his résumé and Christmas card photo — prompting plenty of "Who is this guy?" stares.

But the folks at Seaside knew Ware, who has sent her share of talented performers on to bigger things, and Fox evidently delivered in his audition. He landed a role in the ensemble of "Ragtime," then was invited back for the next summer, when he was cast as Cupid in "Two Gentlemen of Verona" and as a baker and an enchanted fork in "Beauty and the Beast."

Still, he was an unknown college kid who had come out of nowhere to land parts with a professional theatre troupe. "Everyone was kind of confused," Fox says. "Even I was confused. I was from the South, a fraternity boy, a Republican — I really didn't fit the image."

Once Fox's 2004 stint at Seaside ended, the theatre's general manager and director, Lester Malizia, called him in for "the talk" — and told him he should pursue a career in theatre. Malizia urged him to attend the Southeastern Theatre Conference (SETC) in the spring, where hundreds of performing companies and casting agencies gather to audition talent.

Heading into his senior year at Furman, Fox said OK, I'll go for it. He began taking voice lessons with Tina Thompson-Broussard, a former Furman professor, and sailed through the regional auditions for SETC in September.

Soon enough, March and Greensboro arrived. There, given the 47 call-backs, his confidence got a bit of a boost.

Among the 47 was Dave Clemmons Casting, a New York agency that casts Broadway shows and national tours. For the Clemmons representative, Fox chose to sing "On the Street Where You Live" from "My Fair Lady." When he finished, she asked him to sing "What Do I Need With Love?" — Jimmy Smith's big number in "Thoroughly Modern Millie." No problem; Fox knew the song.

Then things quickly got more interesting.

Rep: "We'd like to talk with you further. We need you to come to New York on April 9."

Fox: "Sorry, can't make it. That's the weekend of my fraternity formal."

Pause. Beat. Jaws drop throughout the room.

Rep, regrouping: "OK, we'll work it out."

Which they did. Fox eventually traveled to New York several times for meetings about "Millie" — and for talks with another company about the lead in a production of "Will Rogers Follies."

Pretty heady stuff for an enchanted fork.

The attention left him both stunned and amazed. "I mean, come on," he says. "I was competing against people who have Web sites."

Fox made it to the final three for "Rogers," but "Millie" emerged as the most promising opportunity. The "frat guy," as he came to be known, met with various members of the show's production team; they ran him through the steps and had him read, read and read some more, all the while filming and coaching him — and even asking him to sing for the producer via cell phone. When they finished, they sent him home with a "We'll be in touch."

So he returned to Furman to complete spring term. "I left feeling good," he says. "It was such a cool experience. I knew I was meant to do theatre, and at least folks in New York knew my name."

The first call came April 13. The message: "It's between you and one other person, Allen. We'll call you tomorrow."

And that's when the payoff came. He had landed the role of Jimmy, smitten suitor to Millie Dillmount, a small-town girl looking for a fresh start and a husband in roaring '20s New York. Rehearsals start August 22 in Manhattan, he was told. Work on your dancing and tone down that Southern accent.

In many ways, Fox is still reeling from how fast everything happened. After all, his out-of-left-field story is itself the stuff of a Broadway show. But he's ready for the fun to begin.

"This is going to be a great way to tour the country," says Fox, who spent the summer waiting tables in Atlanta. "I'll also get reviewed, which can only help me get better. Plus, they treat the leads pretty well in these shows. I'll have my own seat on the bus."

And after the tour ends? He anticipates moving to New York, where, as he points out, he's already made contacts with major casting companies.

For now, though, he's focusing on the task at hand — and likely reminding himself that, as Jimmy Smith says, "Other guys would kill to fill my shoes." 🍇

Furmanreports

Technology, flexibility keys to Younts Conference Center's appeal

With the opening of Younts Conference Center in April, Furman took a major step in its outreach efforts to the Greenville community and the general public.

As Kay Cornelison, director of the Younts Center, says, "Our goal is to promote the use of Furman and its many assets." And the 13,000-square-foot Younts Center, named for Greenville attorney Melvin Younts '50 and his wife, Dollie, a Columbia College graduate, is designed to do just that.

A key selling point for the building, whose main hall accommodates up to 400 and can be sub-divided for smaller gatherings, is its cutting-edge technology. Large screens and projectors are available at the touch of a button — then disappear into the ceiling when not in use. Touch pads control all lighting and sound.

"We can handle any technology needs, including video conferencing, but it never detracts from the simple elegance of the facility," Cornelison says. She adds that the center's flexibility makes it attractive for everything from wedding receptions to business meetings, large dinners and other events. It will also help relieve demand on other established campus spots such as McAlister Auditorium, Hartness Pavilion, Timmons Arena and the amphitheater.

Younts is located on the southeast end of campus next to Cherrydale, the university's alumni house, and sports two companion outdoor facilities that offer additional entertainment options: the 1,600-square-foot DeSantis Pavilion and the Max and Trude Heller Terrace.

The DeSantis Pavilion, which was dedicated in May, honors Blaine DeSantis '75, an attorney and Pennsylvania native, and his wife, Magdalena. The Heller Terrace, dedicated in August, is named for the former Greenville mayor and his wife, longtime Furman supporters.

To handle the additional events expected to come Furman's way with the opening of the Younts Center, Mike Arnold, who joined the university staff in 1997 as director of Timmons Arena, now serves as executive director of conference



The Younts Center opened in the spring, seven months ahead of schedule, and is expected to attract customers ranging from wedding and conference planners to area businesses and alumni.



and event services. Todd Duke, who has helped manage Timmons for seven years, is associate director. Marie Burgess, director of summer camps and conferences, works out of the Younts Center as well, moving over from the Department of Continuing Education.

Dedication ceremonies for the Younts Center will be held September 24.



Three alums among new group of trustees

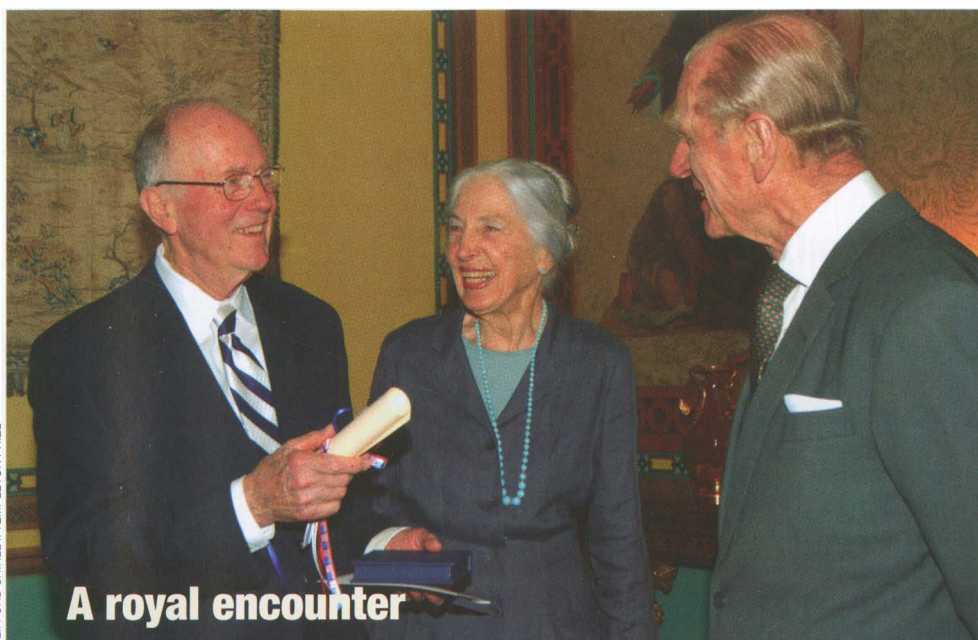
During its spring meeting in May, the Furman board of trustees elected seven new members to begin terms in 2005-06.

Three of the new trustees have served on the board in the past: Hardy S. Clemons, retired senior minister of Greenville's First Baptist Church; C. Dan Joyner '59, a real estate executive in Greenville; and Leighan R. Rinker of Atlantis, Fla., founder and executive director of Beginnings of Palm Beach County, a preschool facility affiliated with Palm Beach Atlantic College. Rinker is a past chair of the board.

Beginning their first terms on the board will be Alfred G. Childers '80, a partner with Southern Capitol Ventures, a Raleigh, N.C.-based firm dedicated to helping entrepreneurs build market-leading companies; Aubrey C. Daniels '57, an author and head of Aubrey Daniels and Associates, an international firm based in Atlanta that partners with organizations to strengthen leader and performer skills in self-management and the management of others; Barbara E. Mathews, a physician in Santa Barbara, Calif., and daughter of the late Joseph Chesley Mathews '27, a longtime professor at the University of California-Santa Barbara and renowned Dante scholar; and Patrick W. McKinney, president of Kiawah Island (S.C.) Real Estate.

Outgoing trustees who were recognized for their service were Gordon L. Blackwell '60 of Raleigh, N.C., Angela Walker Franklin '81 of Atlanta, Ga., Peggy Ellison Good '67 of Greer, S.C., Max Heller of Greenville, and Gordon R. Herring '65 of Greenville.

CLIFFORD SHIRLEY/TEMPLETON PRIZE



A royal encounter

Nobel Laureate Charles Townes '35 (left) is congratulated by England's Prince Philip at the May 4 presentation of the 2005 Templeton Prize for Progress Toward Research or Discoveries About Spiritual Realities, which honors those who advance religion and spiritual matters. The prince formally awarded Townes the \$1.4 million prize at Buckingham Palace. Townes and his wife, Frances, are donating half of the prize to the Furman science complex project, which he helped design.

On October 6-8, the University of California will celebrate Townes' 90th birthday with a symposium called "Amazing Light: Visions for Discovery." To learn more, visit www.foundationalquestions.net.

Furman awards 717 degrees at Commencement

Furman completed its 179th academic year June 3 with Commencement ceremonies in Paladin Stadium. The university awarded 640 undergraduate and 77 master's degrees.

Fang Bu, a double major in English and biology from Marietta, Ga., received two major awards from the faculty: the Scholarship Cup, given each year to the graduate with the highest grade-point average (hers was a straight-A 4.0), and the Donaldson-Watkins Medal, presented annually to the outstanding senior woman. Kevin Neely Blackmon, a *summa cum laude* graduate in chemistry from Heath Springs, S.C., received the Bradshaw-Feaster Medal as the outstanding male graduate.

In addition to the student honors, two professors and a member of the administrative staff received Alester G. Furman, Jr., and Janie Earle Furman awards for meritorious teaching and advising. The teaching award went to Michael Bressler, associate professor of political science. Hazel Harris, who retired this summer as professor of education and associate dean for summer sessions and director of

graduate studies, and Carol Daniels, coordinator of student services, won the advising awards.

Graduates and guests filled the Paladin Stadium home stands to hear remarks from Jodi Tovay of Roswell, Ga., and Joe Waters of Greer, S.C., who were selected to deliver Commencement addresses. Both emphasized the importance of nurturing and promoting the value of community and civic responsibility.

"Our communities must constantly seek the good of all, cultivate virtue, explore ideas, readily share the wealth of our tradition with others, and be open to receive the wisdom of other communities," said Waters, a history major. Tovay, who earned a communication studies degree, urged her classmates to realize "how our future is bound to the future of others". We must not sacrifice the virtue of community on the altar of convenience."

For the full texts of their speeches, visit www.furman.edu/press/pressarchive.cfm?ID=3380.

A combined 140 years: 2005 class of retirees compiled remarkable record of



Block a consummate historian, lecturer

John Block and I, both Chicagoans, arrived at Furman in the fall of 1968 along with fellow historian (and future dean) A.V. Huff and the so-called “new curriculum.” But John and I are from different Chicagos. He is the complete Southsider, loyal

to the White Sox and “connected” to a variety of worlds. I am a Northsider, doomed to follow the hapless Cubs.

John was actually making his second stop in Greenville. He had first come to Furman in 1959, intent on playing basketball and becoming a high school coach and history teacher. But his academic skills caused one professor to ask him, “Are you a basketball player who likes history, or will you become a historian who likes basketball?” John responded to the challenge and after graduation earned a Ph.D. in modern European history at the University of Wisconsin.

In his 37 years at Furman, John has been chair of the history department and vice president for intercollegiate athletics, while serving as a wise counselor to generations of students, colleagues and administrators. He was also the color man for Furman basketball during the glory days of the 1970s and early 1980s.

A former student once described John as “old school but definitely not old fashioned.” If this is accurate, he learned about professionalism, courtesy and the attention due students from two masters who were definitely old school but never out of fashion: the revered Furman historian Delbert Gilpatrick and the renowned Theodore Hamerow at Wisconsin.

To Furman alumni, John will always be the consummate classroom lecturer. His lectures always opened with questions: “Any old business? Any new business?” Then, with minimal notes, he would vividly describe events while providing penetrating verbal portraits of a succession of thugs and saints.

A sly and ironic sense of humor animated John’s lectures, along with his perennial astonishment at the misdeeds of his subjects. More than one student felt that John was fonder of the wayward characters of his tales than of the prim and proper. Indeed, Benito Mussolini always received more airtime than did Woodrow Wilson.

Famous for lecturing from a short grocery list of names, John said the scrap of paper kept him from devoting too much time to a single topic. Yet all was under control; the lectures always ended on the minute, while the course always covered the exact time span. It was no surprise when, in 1984, he received the Alester G. Furman, Jr., and Janie Earle Furman Award for Meritorious Teaching.

“You can take the boy out of Chicago, but you cannot take the Chicago out of the boy.” John and his wife, Barbara Stone Block ’63, have an apartment in Chicago, so he can attend White Sox games to his heart’s content — and preserve his native accent. He and Barbara will also keep their home near the Furman campus, where they can enjoy their growing number of grandchildren and, we hope, remain a presence on campus.

— William J. Lavery, *Professor of History*



Harris a tireless model of true professionalism

It is 12:43 a.m., and colleagues and students are receiving e-mail messages from Hazel Harris. The midnight oil that fuels her office lamp never seems to run dry.

During her typical day, Hazel puts multi-tasking to shame as she carries out assorted duties —

meeting with the academic dean, returning phone calls, chairing meetings, advising students, visiting local schools, handling an emergency at the Child Development Center, hosting a faculty seminar. She finally returns — in the dark — to her office, where she attacks the paperwork involved in her jobs as director of graduate studies, associate dean of summer sessions and director of the Child Development Center at Furman.

So it has been for Hazel Harris for most of the past 36 years — until her retirement this summer.

Hazel Wiggins actually began her career in education as a child, when she created a school in her backyard and taught her younger neighbors to read. After earning a sociology degree at Meredith College and her teaching credentials in history at Duke University, she taught high school social studies before returning to Duke as assistant director of the Master of Arts in Teaching Program.

She soon met and married Gary Harris, an elementary school principal, and went on to earn a doctorate from Duke in supervision and curriculum development. She and Gary joined the Furman education faculty in 1969; Gary retired in 1999.

Hazel’s students know her as a rigorous teacher, a supervisor with high expectations and a model of professionalism. She taught prospective teachers how to love their subject while caring for their students. She inspired them to push beyond limits, to love learning and to make a difference in the lives of young people.

As an academic advisor, Hazel provided meticulous guidance to Furman’s graduate students. She gained their trust and respect while investing her time, energy and talents to create programs that met their needs. Not surprisingly, she was named one of the 2005 recipients of the Alester G. Furman, Jr., and Janie Earle Furman Award for Meritorious Advising.

Clearly, her enduring legacy to students extends to a host of areas: Teacher. Mentor. Advisor. Role model. Loyal friend. Tireless advocate.

It is 12:43 a.m. on a late summer morning, 2005. No colleagues or students are receiving e-mail messages from Hazel Harris. Her office is dark. The midnight oil in the lamp has finally dried.

Hazel is sleeping soundly in the new home in which she has spent precious little time over the past few years. She dreams of her grandson, Kevin, who is smiling gleefully at “Grand,” waiting for a game of ball or a romp with dogs Heidi, Tess and Bardy. Gary is likely wondering, “What in the world will Hazel think up to do next?”

No doubt her creative energy will keep sparking new ideas! Just wait and see.

— Lesley Quast, *Professor of Education*

service to Furman



Trzupek a natural in the classroom

A native of Chicago, with degrees from Loyola and MIT, Larry Trzupek arrived on Furman's doorstep in the fall of 1974. The subsequent three decades were ones of remarkable growth for the chemistry department and the university overall. During this

time, Larry developed a reputation as an extraordinarily gifted teacher, a consummate departmental team player and a talented researcher.

Trained as an organic chemist, Larry's principal teaching responsibilities were in courses devoted to the mysteries and joys of carbon-based chemistry. For most of us, developing teaching skills is a slow process, but in Larry's case he gave every indication of being a born natural. He received rave student reviews virtually from the first day he walked into a classroom, which culminated in his receiving the Alester G. Furman, Jr., and Janie Earle Furman Award for Meritorious Teaching in 1986.

His popularity and rapport with students was not because he had a reputation for being easy. In fact, he was widely regarded as one of the toughest, most demanding professors in the department.

It had far more to do with his ability to lecture with extreme clarity, coupled with a rapier wit, an impressive stage presence and a total command of his subject. He may be the closest thing to a Charles Brewer, the legendary Furman psychology professor, that we will ever see in the chemistry department.

Larry gave selflessly of his time and talents while undertaking a variety of tasks critical to the progress of the department. For example, although active in seeking personal research funding from external sources, he also served as lead writer of many departmental grants. Almost all these proposals were successful and provided funding for such things as state-of-the-art equipment (including our first high-field nuclear magnetic resonance instrument), as well as for stipends to support students in the summer undergraduate research program. Furthermore, with Larry's retirement as our chief high school student recruiter, we now find it necessary to divide that large responsibility between two faculty members!

Larry's move back to Chicago in July was for family reasons. Both he and his wife, Karin, have extended families there, and he will also be closer to his beloved White Sox. While Karin will assume a full-time position as a pediatrician in the Chicago area, Larry has accepted a teaching faculty appointment in the chemistry department at Northwestern University.

For 31 years he has brightened our days with his quick wit and good humor. We will greatly miss his personal warmth and friendship, his wise counsel and, yes, even his unsolicited political advice. We will also be losing one of only two department members to have completed a marathon.

So, old chum, we extend to you a fond farewell, and our parting wish for you, Karin and the kids is for much success and happiness in your new careers and lives.

— Noel Kane-Maguire, Professor of Chemistry



Brock's impact felt by countless students

Charlie Brock may have retired this summer after 36 years as a Furman administrator, but he's not likely to be forgotten soon. Given his stylish attire, impeccable grooming, friendly nature and gift of gab, he's a pretty memorable fellow.

And after serving first as director of admissions and, for the last 16 years, as an assistant dean focusing on undergraduate research and internships, he may well have had conversations with more Furman students, past and present, than anyone left on campus.

A 1956 Furman graduate, Brock was a history major who edited the *Bonhomie* and was voted "most versatile." After graduating he taught at his hometown high school in Seneca, S.C., for three years before he and his wife, Pat Wiggins '56, moved to Orlando, Fla., where he became a guidance counselor at Colonial High School. Pat taught at a nearby elementary school.

Colonial, which educated the sons and daughters of scientists working at Cape Canaveral, often led the state in National Merit semifinalists. So Brock regularly hosted recruiters from top colleges — including two notable representatives from Furman, political scientist Don Aiesi and registrar Lewis Rasor.

Brock left Colonial in 1968 and put his experience with higher education representatives to use by moving into college admissions. After working at the University of North Carolina-Charlotte for less than a year, he received a call from his college dean, Francis W. Bonner, who had become Furman's vice president and provost. Soon thereafter, Brock made the move down I-85.

As director of admissions, Brock was one of the first people countless future Furman students met. And when they became college graduates, he gave many of them their first jobs, as counselors. That group included several current Furman administrators and a certain First Lady, Susan Thomson Shi '71.

Brock's 20 years in admissions coincided with a period during which student interest in Furman increased dramatically. He would often leave Greenville in mid-September and rarely return home for any length of time until early December. He and his small staff traveled up and down the East Coast, with occasional forays into Dallas, St. Louis and Chicago.

The message then was the same as now. "Most people are first impressed by Furman's beauty. It's our job to get them to see beyond that," he has said. "The beauty, the activities, the friendliness on campus are just icing on the cake. We have to get people to look at the heart of the college: the educational program."

Brock shifted focus in 1989. As assistant dean, he began developing engaged learning opportunities long before the term became Furman's marketing catch phrase, and he has matched thousands of Furman students with internships and research positions both on and off campus.

Now, as he heads into retirement, Brock says his time at Furman has been "a most wonderful thing. I have loved going out and selling this place. Working with our students, faculty and staff has been wonderful."

— John Roberts

Feasting on Gruel

George Singleton had two purposes when he wrote his first novel, *Novel*, with a lead character named . . . Novel.

First, he wanted to write lines such as these: "I'm a detective, Novel," and "I thought you'd puzzle out this mystery, Novel."

Second, he wanted to get all those agents off his back, the ones who phoned his home in Dacusville, S.C., after he'd published three collections of short stories and asked, "Have you ever thought of writing a novel?"

"No, you moron!" he would scream. "I never thought of that!"

Some didn't receive even that courtesy. They'd make it only to "I'm an agent with . . ." before Singleton slammed down the phone.

Singleton, a 1980 Furman graduate, is living proof that Southern-fried characters haven't gone with the wind. Imaginative, acerbic and unflinchingly candid, Singleton seems unaffected by his astounding success over the past four years.

Consider: In 2001 his first collection of short stories, *These People Are Us*, brought a \$1,500 advance. In 2002, *The Half-Mammals of Dixie* fetched \$10,000. He used it to buy a used Jeep Cherokee.

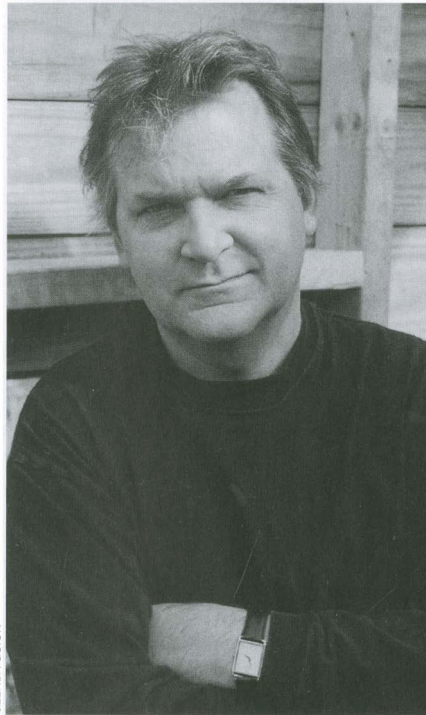
In 2004, *Why Dogs Chase Cars* earned a \$25,000 advance. With the newly released *Novel* and a switch in publishers from Algonquin Books of Chapel Hill to Harcourt of New York, he landed \$125,000 and a Proust-reading editor who wants to accompany him on a book tour of the deep South.

Singleton still drives the '99 Jeep — but is splurging on overalls and a John Deere cap for the Yankee editor.

Novel began, appropriately, as a short story born of hearing "Have you ever thought of writing . . .?" one too many times. "I was just messing with people," he says. "I like doing that."

But the story about a hard-drinking snake handler who moonlights as a lieutenant governor's speechwriter spun out of control. Set in fictional Gruel, South Carolina, the book follows Novel Akers' attempts to write an autobiography, ferret

Singleton's Southern-fried skills take a Novel turn



GLEND GUION

The Atlanta Journal-Constitution included George Singleton's *Novel* on its list of good summer reads.

out Gruel's secrets, manage a weight-loss clinic based on sneezing, operate a writers' retreat, tear down the Gruel Inn, rebuild the Gruel Inn, and a bunch of other things.

When Novel uncovers Gruel's art forgery ring, his duplicitous wife tells him that Bob Jones University up in Greenville has been the major buyer of religious fakes. "If you think back over the years," she adds, "you might remember that I've never said anything bad about a Christian, Novel."

He's relentless, our George.

Singleton has always been famously disciplined, arising before dawn to write 600 words before teaching at the South Carolina Governor's School for the Arts and Humanities. By the time he turned in *Novel* in June 2004, he had already completed a handful of follow-up Gruel stories. That collection, *Drowning in Gruel*, is set for a June 2006 release. Seventeen of its 19 stories have been snapped up for publication by major magazines.

He has also wrapped up a second novel, part of which appeared in this summer's fiction issue of *The Atlantic Monthly*.

Only that one, he wrote sober. Last November, Singleton entered an outpatient rehabilitation clinic to end a 30-year drinking habit.

"It's so much easier to re-write now," he says. "A lot of times my main character would change names or jobs in mid-stream, and I'd be like, 'What the hell happened there?'"

"It was a crutch," he says of his daily fifth-of-bourbon regimen. "In the early days, I always drank coffee or Dr Pepper when I wrote. I just had to get used to doing that again."

Meanwhile, *Oxford American* magazine asked for his favorite hangover remedy. He submitted an essay titled "An Ode to Hangovers" with a made-up recipe for Poor Man's Paté — Vienna sausage, onions, hot peppers, relish, mayonnaise and mustard. The piece was chosen for an anthology of best food writing for 2005.

"People who get picked are like James Beard and Emeril," Singleton laughs. "Now I won't take out the garbage unless Glenda (Guion, his longtime partner) calls me Chef George."

If success hasn't changed Singleton's lifestyle, it has changed his life's pace. Publicity tours, media interviews and requests to write book jacket blurbs are now part of his daily routine. And then he's got to keep an eye on George W. Bush, whom he blames for environmental toxicity, health insurance rates, vicious dogs and bad weather.

"What I'm writing now has all this Republican conspiracy crap going on," he says. "I'm just having a good ol' time."

— Deb Richardson-Moore

Deb Richardson-Moore, formerly an award-winning reporter for The Greenville News, is pastor of Triune Chapel and director of Triune Mercy Center in Greenville.

BOOK MARKS

Featuring summaries of books written by Furman faculty and alumni.

FROM ALUMNI

Lucy Bowers Maddox '64, *Citizen Indians: Native American Intellectuals, Race, and Reform* (Cornell University Press, 2005). The publisher states that "by the 1890s, white Americans were avid consumers of American Indian culture. At shows, pageants, expositions and fairs, American Indians were most often cast as victims, noble remnants of a vanishing race, or docile candidates for complete assimilation. However, some prominent Indian intellectuals of the era were able to adapt and reshape the forms of public performance as a means of entering the national conversation and as a core strategy in pan-tribal reform efforts." The book "explores the work of American Indian intellectuals and reformers in the context of the Society of American Indians, which brought together educated, professional Indians in a period when the 'Indian question' loomed large. By adapting the forms of discourse and performance already familiar to white audiences, Maddox argues, the reformers could more effectively pursue self-representation and political autonomy." The author is a professor of English at Georgetown University.

James L. Crenshaw '56, *Defending God: Biblical Responses to the Problem of Evil* (Oxford University Press, 2005). The publisher asks, "When mortals suspect their gods of wrongdoing, do they have the right to put them on trial? What lies behind the human endeavor to impose moral standards of behavior on the gods? Is this an act of arrogance or a means of keeping theological discourse

honest?" The author seeks answers to these and other questions in his "wide-ranging study of ancient theodicies." Crenshaw, Robert L. Flowers Professor of Old Testament at Duke University, has long been interested in theodicy — the effort to justify the ways of the gods (or God) and to reconcile the existence of a benevolent God with that of evil. His study, the publisher says, "sheds new light on the history of the human struggle with this intractable problem." Crenshaw, who received an honorary degree from Furman in 1993, has been named Joseph McCarthy Visiting Professor of Old Testament at Rome's Pontifical Biblical Institute for 2006-07.

Jonathan Rogers '86, *The Secret of the Swamp King* (Broadman & Holman, 2005). This is the second in the author's "Wilderking Trilogy" fantasy series, following *The Bark of the Bog Owl*, and continues the story of young Aidan Errolson, hero of *Bog Owl*. Aidan now lives in the court of King Darrow. But the king's insecurities cause him to hate Aidan, who saved the kingdom in the first book. The pontiff sends Aidan on a mission to the Feechiefen Swamp, from which no one has ever returned; *Secret* follows the young man's journey. The *School Library Journal* calls the author's writing "terrifically appealing" and adds, "The adventure and the humor are first rate." Rogers lives in Nashville, Tenn. To learn more, visit www.wilderking.com.

Linda Heatwole Jacobs '74, *Summer of Fire* (Medallion Press, 2005). Set against the backdrop of the 1988 fires in Yellowstone National Park,

this novel describes the work done by those assigned to fight the blaze. The author says she was inspired by Ross Simpson's account of the event, *The Fires of '88*. Jacobs also has a second novel, under the name Christine Carroll, coming this fall from Medallion. Titled *Children of Dynasty*, it is about rival families in real estate in San Francisco. A former field geologist, Jacobs lives in New Mexico and owns a consulting company with her husband, Richard. To learn more, visit www.readlindajacobs.com.

Mary Bailey Whittle '84, *Soaring in Life* (PublishAmerica, 2004). Subtitled *A Way of Living That Nourishes and Restores Your Soul*, this book shows readers "how to align themselves to the sacred that is within and around them" — and thus find the radiance of their souls and a deep, lasting peace. "Living in this way," the author says, "life will never look the same again." She lives in Maryland and teaches classes based on the book. Visit her Web site, www.SoaringInLife.com.

Margie Willis Clary '53, *Spirits & Legends* (Written in Stone, 2004). This collection of stories and tales from the South Carolina Sea Islands marks the author's fourth children's book. Her others are *A Sweet, Sweet Basket*, *Searching the Lights* and *Make It Three* (the story of the H.L. Hunley submarine). Her fifth book, about the Palmetto State's remaining lighthouses, is to be released this fall. A retired teacher, she lives in Charleston, S.C.

FROM FACULTY

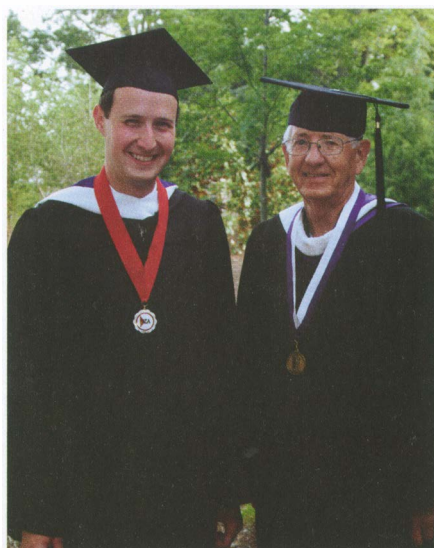
Shelly Matthews and E. Leigh Gibson, *Violence in the New Testament: Jesus Followers and Other Jews Under Empire* (T. and T. Clark, 2005). Matthews, associate professor of religion at Furman, and her colleague, an independent

scholar, edited this collection of essays examining the theme of violence in the earliest documents of the Christian faith. While scholars have usually placed the origins of "Judeo-Christian" violence squarely within Judaism, the authors argue that Christianity has not been above the fray. According to its introduction, the book "interrogates the assumption that the New Testament is a book solely of love, mercy and peace, lying outside the web of religion and violence." Aside from editing the book, Matthews also wrote a chapter titled "The Need for the Stoning of Stephen." She spent 2004-05 as a Postdoctoral Research Leave Fellow at the Institute for Ecumenical and Cultural Research in Collegeville, Minn., where she worked on a book about violence in the book of Acts.

Paul Rasmussen, *Personality-Guided Cognitive-Behavioral Therapy* (American Psychological Association, 2005). Rasmussen, associate professor of psychology, examines a variety of personality types and provides strategies for therapists to follow when treating patients. In the book, which is part of the APA's Personality-Guided Therapy Series, he describes how a patient's clinical condition is seen as stemming not only from distorted thinking or behavioral excesses, but also from personality attributes and situational demands. He also describes a variety of personality prototypes, including Paranoid, Antisocial, Narcissistic, Avoidant, Dependent and Compulsive. A clinical strategies and contributing review editor for *The Journal of Individual Psychology*, Rasmussen maintains a private practice in Greenville for families and individuals.

Furman philanthropy

Class of 2005 designates gift to establish 9/11 Memorial Plaza



Different generations, same heritage:
Chase Samples '05 and David Mauldin '55.

Each year the members of Furman's graduating class demonstrate their appreciation for their college experience by presenting a class gift to the university. In recent years, the graduates have designated their gifts for academic programs or scholarships, or to support such projects as the Bell Tower renovation, amphitheater, lighting for intramural fields and the Timmons Arena gate.

The Class of 2005 chose to tie its gift to a memorable event. Their first day of classes was September 11, 2001 — and so the graduates designated their gift toward a memorial recognizing that fateful day. The 9/11 Memorial Plaza, currently under construction, will be located in front of James C. Furman Hall.

Anna Martin '05 won a competition to design the memorial. Her concept features an interactive fountain with two

large black stones, which refer to the World Trade Center towers and are engraved with class members' memories of the event.

The top of one stone will be broken while the other stone will remain whole, representing, in Martin's words, "the brokenness caused by the attacks of September 11, but also the resulting unity in our country."

Class president and head agent Chase Samples says, "September 11, 2001 was an emotional day for America, but it particularly resonated with our group of anxious college freshmen whose idealism and optimism suddenly found perspective. For all its tragic consequences, September 11 brought Furman's Class of 2005 together in a way that allowed us to positively impact the university and the larger community."

The class gift drive began in January with a goal of \$40,000. At Commencement, Samples presented Furman president David Shi a check for \$48,486.

Martin's design sketches are on-line at www.furman.edu/seniorgift, as are the names of the leading class agents.

The Class of 2005 was able to share its Commencement with some special guests: members of the Class of 1955. Borrowing from the traditions of Ivy League institutions, Furman invited the 50th reunion class to lead the procession at graduation, thus recognizing the members of the golden anniversary class and helping the Class of 2005 realize that they are part of an ongoing tradition and legacy.

As President David Shi told the '55 graduates, "You represent a tangible reminder of the heritage and history that all Furman graduates share. We thank you for your support, commitment and loyalty."

The two classes share additional common ground, as the Class of '55 has also designated its 50th reunion gift to support a plaza on campus — in this case, the new plaza behind the James B. Duke Library. The 50th reunion class is joining with the Class of '54 to endow the area, with a goal of raising \$50,000.

— **Judy Wilson**

Director, Parents Programs

Alumni giving tops 50 percent again

Thanks to the generosity of a record 11,027 donors in 2004-05, more than 50 percent of alumni made contributions to Furman for the eighth consecutive year. This level of giving helps set Furman apart and demonstrates that alumni appreciate and value Furman's progress in recent years.

Among the highlights from a banner year in fund-raising:

- More unrestricted dollars — \$2,143,817 — were raised than ever before. This money supports the university's budget, which includes financial aid for students (80 percent of whom receive some sort of assistance), classroom technology, faculty salaries and other operating expenses.

- Alumni, parents and friends set records for memberships in top gift societies, from the Presidents Club (for donors of \$1,000 to \$2,499) to the Richard Furman Society (for donors of \$10,000 and up).

- Furman welcomed seven donors as founders of the Richard Furman Society Sustaining Members program, for those who make annual unrestricted contributions of \$25,000 or more.

- A total of 192 alumni, parents and friends took advantage of the Hollingsworth Initiative to augment their three-year pledges and move to a higher level gift society.

- A total of 132 alumni who graduated within the past 20 years became Young Benefactors (contributors of at least \$1,000).

- For the fifth year in a row the Class of 1941, led by head agent Lige Hicks, had 100 percent participation from its 70 solicitable members.

Although it would be impossible to hand-write 11,027 personal thank-you notes, I hope in the coming months to thank in person as many of you as possible for your generous support.

— **Wayne King**

Director, Annual Giving

Record-setting year

Grants supporting Furman projects reach \$11.8 million

Colleges and universities throughout the country benefit annually from funding in the form of grants from government agencies, corporations and philanthropic foundations. These grants support innovative projects, student research, faculty travel opportunities and many other activities.

Furman is no exception, and for the 2004-05 academic year the university received more major awards than at any time in history. When the fiscal year ended June 30, Furman had received \$11.8 million to fund 74 grant proposals.

Previously, the highest one-year grant total at Furman was \$7.035 million for 88 grants in 2000-01.

According to Thomas Kazee, vice president for academic affairs and dean, "We saw an increase in funding this year due to support for the planned new science complex and increased grant-seeking activity by Furman's faculty. They are submitting highly competitive grant proposals for challenging research projects."

This year The Duke Endowment made two special awards to Furman: \$2 million to enhance the James B. Duke Scholarship program and \$2 million to establish an endowment in support of Furman's proposed new first-year seminar program.

Duke scholarships support some of the university's most academically gifted students. The proposal for a first-year seminar program is under development and will be considered by the faculty this fall.

Another noteworthy award in 2004-05 was a two-year,

\$600,000 grant to the Richard W. Riley Institute of Government, Politics and Public Leadership. Provided by the William and Flora Hewlett Foundation, the grant will support research among major stakeholder groups tied to public education in South Carolina and the Southeast. Don Gordon, professor of political science and executive director of the Riley Institute, will work with project coordinator Brooke Culclasure to provide information that is expected to inform policy debate on public education in the state and, eventually, across the region and the nation.

Chemistry professor John Wheeler received a \$1.75 million Networks of Biomedical Research Excellence award to support a five-year, multidisciplinary project. The focus of the research will be areas of molecular biology and biochemistry related to neuroscience and cancer therapy. Wheeler and biology professor Sandra Larson also received a three-year, \$60,000 grant from the Merck/American Association for the Advancement of Science Undergraduate Research Program.

For the third time since 1999, the Arnold and Mabel Beckman Foundation provided funding to Furman for undergraduate research in the sciences. The \$77,200 grant will benefit four students in the chemistry department during the next three years. Laura Glish '06 of Chapel Hill, N.C., and Michael Vagnini '07 of Winter Springs, Fla., are Furman's 2005 Beckman Scholars.

— **Sheila J. Manchester**
Grants Administrator

Paladin Club continues to build athletic scholarship coffers

The Paladin Club enjoyed one of its most successful years in 2004-05, setting records in average gifts and surpassing its fund-raising goal.

Challenged by president Doris Mansfield and vice president Ed Stein '93, the 30-member Paladin Club Board of Directors voted last June to pursue an ambitious \$1.2 million for athletic scholarships. Thanks to the hard work of many individuals, the organization surpassed its goal by raising \$1.25 million — more than \$130,000 ahead of 2003-04. The average gift in 2004-05 increased 16 percent, from \$743 to \$861.

According to Ken Pettus, director of athletic development, three factors contributed to the growth in average gifts. "Our athletic donors realized the advantages of the Hollingsworth Initiative, which provided supporting funds to help match their donations, and they used it to move up in giving levels. Secondly, we were able to meet an anonymous donor's generous challenge to match a \$100,000 gift for the baseball team. And membership in the Order of the Paladin [for those who contribute at the quarter-, half-, or



full-scholarship levels] increased substantially. We now have 50 donors at this level."

Established in 1998, the Order of the Paladin was created to construct a solid base for athletic scholarship funding, encourage people to join the Paladin Club at a high level, and recognize the most generous donors. The organization began with three members who contributed \$61,000; in 2004-05, 50 members contributed more than \$450,000.

Lucius Weeks '54, Hayden Hays '64 and members of the Furman coaching

staff have worked to identify potential Order of the Paladin supporters. "I truly believe the quality of our coaches and student-athletes encourages folks to open their pocketbooks because they realize they are making a sound investment in the life of a young man or woman," says Hays, acting president for 2005-06.

In addition to meeting its annual funding goals, athletic development continues to seek endowed athletic scholarships and to assist the Department of Athletics with new facility projects. Three new endowed athletic scholarships were established in 2004-05, and renovated facilities for men's and women's basketball, softball, volleyball, women's track and women's soccer await the return of their respective athletes in the fall.

"We had a great year in 2004-05, but there is much more to be done," says Pettus. "If we are to continue to be competitive in the Southern Conference and on a regional and national basis, we must have the necessary funding to support our great kids. I know Furman folks, and I believe they will continue their amazing generosity."

Furmanathletics

Doubling their pleasure

Bentley, Hagood a great team on and off the court

The first time Furman women's tennis coach Debbie Southern took serious notice of Caroline Bentley and Mary Neill Hagood, the pair had been randomly teamed as doubles partners at a junior tennis tournament in Little Rock, Ark.

With college recruiters looking on, the 16-year-olds captured the doubles championship — and the Bentley and Hagood families (from Huntsville, Ala., and Charleston, S.C., respectively) became fast friends, bonding on the weekend road trip.

To Southern, a veteran of 21 years at Furman, the doubles championship and growing friendship between the families had no impact on her decision to recruit the pair.

"Doubles play at that level is really rough," she says. "The players are not used to playing together. Some of them (like Hagood and Bentley) are paired randomly. You are looking more at individual skills and talent."

After considering the University of North Carolina and the University of Virginia, Hagood was the first to commit to Furman. Bentley soon followed. And over the past four years, the pair's friendship blossomed along with their games.

Last fall, the best friends and roommates entered their senior season with high expectations. Hagood, Furman's No. 1 player, was the returning Southern Conference Player of the Year; Bentley, who played No. 2 and compiled a 20-3 singles record her junior year, was named the outstanding player in the 2004 conference tournament.

And this May, when Hagood and Bentley walked off the court for the last time after an NCAA Tournament loss at Clemson ended their college tennis careers, they left with their heads high, knowing that those expectations had been met.

The pair swept through the 2005 Southern Conference season with undefeated singles records, leading Furman to a 10-0 league record and its sixth conference title in seven years. Bentley collected her second straight tournament outstanding player award, and Hagood again was the league's Player of the Year and was also named Southern Conference Female Athlete of the Year.

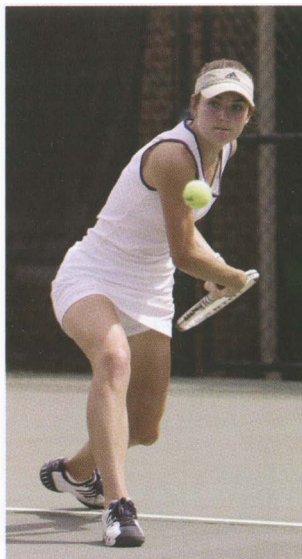
In hindsight, though, Hagood and Bentley say they will remember the 2004-05 season for another reason: They were doubles partners. Going against conventional wisdom, Southern nostalgically reunited the teammates and roommates as doubles partners at the Furman Fall Classic last September.

"You normally separate your two best players so that you can get two really good teams," says Southern. "But I ended up just playing them together, and I kept them together."

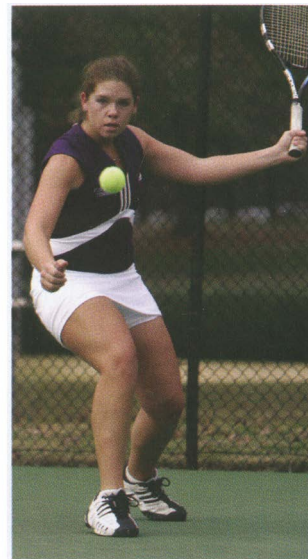
Hagood and Bentley responded by picking up where they left off in Arkansas. They defeated teams from Clemson and the University of South Carolina — and went on set a Furman record for doubles wins in a season with 22.

Southern says that Hagood's solid groundstrokes and Bentley's hard-charging net play baffled opponents throughout the season. "They complement each other so well," says Southern, the conference's Coach of the Year. "It really helps that they are such close friends. They can be candid and aren't worried about hurting each others' feelings."

Adds Bentley: "Our games clicked. And we made each other better."



Hagood



Bentley



Mary Neill Hagood

- 16-7 singles record, 22-1 doubles in 2004-05
- Southern Conference Player of the Year (also won in 2004)
- Southern Conference Female Athlete of the Year (2005)
- 2005 Furman Student Athlete Achievement Award (3.78 GPA)

Caroline Bentley

- 24-1 singles record, 22-1 doubles in 2004-05
- Conference Tourney Outstanding Player (also won in 2004)
- First all-time at Furman in victories (singles and doubles)
- First all-time at Furman in winning percentage (.805)

Although Hagood, a psychology major, and Bentley (communication studies) have completed their court partnership, they have teamed up on another journey: a graduation tour of New Zealand and Australia. They are working odd jobs, sightseeing and generally enjoying down time down under.

The trip, both say, is a final fling before they return home to take full-time jobs or enroll in graduate school. While some separation anxiety is likely, both will take with them memories of a storied senior season.

"We had such a great season. It was amazing living with Caroline and being doubles partners," says Hagood. "We could not have asked for a more special season."

— John Roberts

Mutual benefits

When Tara Marker isn't playing midfield for the Furman soccer team, pursuing her self-designed major in psychophysics or working on a summer research project, she's doing her best to get her teammates off campus and into a world that stretches the boundaries of their comfort zones.

A few years back, she and a few fellow soccer players had been doing volunteer work at nearby Berea High School as well as a local nursing home. But Marker sensed that nobody was getting the full benefit of the exchange — neither the players nor the people they were assisting.

"I didn't feel like I or the other girls were getting a lot out of it," says Marker, a senior. "And that was true of the people we were visiting, too. We couldn't seem to make a connection. So I wanted to find another group of people we could help."

Marker went to the phone book and found the name of the Greenville County Disabilities and Special Needs Board, an organization that provides services to local residents with developmental disabilities, both mental and physical. She then called and offered the team's services for the 2004-05 school year.

"I told her right up front that it wouldn't be easy," says Reams O'Neal, director of quality assurance and training for the Disabilities and Special Needs Board. "The people in our program have limited verbal skills and varying degrees of disabilities. A lot of people don't do well volunteering in that environment. But Tara and the rest of the girls did a tremendous job. It meant a lot to us to have that contact with Furman."

The project by Marker and the Lady Paladin soccer team is just one example of community involvement by Furman student-athletes. Beginning in 2004-05, Furman teams made a concerted effort to volunteer their time and services, and all 17 sports were involved in a variety of community service projects throughout the year. Danny Marshall '04, a former Paladin placekicker, coordinated the effort.

The football team, for instance, helped construct a Habitat for Humanity house, and the men's and women's golf teams provided free clinics and lessons at Greenville's First Tee, a development program for youth. The baseball team

Furman teams embrace opportunities for community involvement



Autumn Sullivan '07 and a friend visit a resident of Oakmont Nursing Home in Greenville. Sullivan, a sprinter on the track team, is from Charlotte, N.C.

tutored children at Duncan Chapel Elementary School, and the men's tennis team did the same at Armstrong Elementary School. The track and field teams even picked up puppies every week at the Humane Society on their way to visit children in local hospitals.

"We feel it is important for our students to be involved in both the university community and the community at large," says Gary Clark '74, director of athletics. "Participating in service projects gives them a good sense of what their responsibilities are beyond the playing field and the classroom. We believe it is a vital part of their overall education."

According to Marker, the soccer team's involvement with the Disabilities and Special Needs Board provided the "connection" she and her fellow players had been wanting. Although the people they visited each week had a variety of developmental disabilities, including mental retardation, autism, and traumatic brain and spinal cord injuries, they had no problem communicating.

They played cards together, put together puzzles and generally did whatever the residents of the house wanted to do. They attended a Christmas party at one of the houses, where they sang karaoke and danced. Marker also provided free tickets to Furman football and soccer games, which the residents loved. It wasn't long before Lady Paladin soccer

posters were plastered throughout the houses they were visiting.

"The people in our program were always asking me, 'When are those girls coming back?' " O'Neal says. "Things couldn't have gone better."

Furman athletes are clearly having a positive impact in the community. Julius van de Laar, a junior basketball player from Heidelberg, Germany, regularly visited local elementary schools with other members of the team. They would talk to the children about their daily schedules — "so they would know they weren't the only ones who had to do homework" — and discuss the importance of doing well in school.

"Some of the students would come to our games and hang around afterward," van de Laar says. "I would take them to the locker room and get players to sign autographs for them. It was nice to know we had made enough of an impression on them that they would want to come and watch us play."

In the end, however, Marker believes it is the student-athlete who benefits the most.

"That was my one goal, to get people out of the Furman 'bubble' and realize that there is a whole different world just outside the gates," she says. "It gives you a deeper appreciation for where you are and the things you have."

— Vince Moore

Furman alumni news

Commitment runs both ways

My decision to come to work at Furman was easy in part because of the legendary support the university receives from alumni. That support is increasing as Furman grows in national prominence.

What I have come to appreciate even more in my three years here is the commitment that Furman demonstrates to its alumni.

Furman's dedication to its alumni is evident when I meet with colleagues in alumni relations at other schools. Just listening to their frustrations and stories about a lack of support really makes me thankful for Furman's commitment. At a recent meeting of the South Carolina Association of Alumni Directors, our featured speaker, who happened to be a Furman alumnus, asked the group how many of them were part of the senior staff at their institutions. I was the only one that answered yes.

Furman shows its support for alumni in many ways. President David Shi tries to attend as many Furman Club events as possible. He and his wife, Susan Thomson Shi, graciously open their house at Homecoming and throughout the school year for events honoring the 50th reunion class, the Young Benefactors and the Alumni Association Board of Directors, among many others. Faculty, staff and coaches often willingly travel to cities around the country to meet with alumni groups.

I never have trouble getting vice presidents, deans or department heads to speak at meetings of the Alumni Association Board of Directors or the Young Alumni Council. We have even had Furman vice presidents chair committees of those two volun-



teer groups. Bill Howes, chair of the Furman board of trustees, spoke to the Alumni Board last fall and is scheduled to speak to the Young Alumni Council in October.

After a rather spirited discussion at my first Alumni Board meeting in the fall of 2002, the board's president at the time, Pam Underwood Thomason '76, met with the executive committee of the board of trustees to request that the Alumni Association have a chance to play a more active role at trustee meetings, held three times a year. The trustees listened, and today members of the Alumni Board Executive Committee attend three different committee meetings at each trustee gathering. The Alumni Board president attends the main plenary session of each trustee meeting and presents a report at the spring meeting.

In fact, Furman makes few major decisions without at least consulting with alumni. And the voices of alumni are heard throughout the university. Five of the 14 members of the Furman President's Council (leading university administrators) are alumni, as are more than half of the current trustees.

It is indeed a pleasure to work at a place as committed to its alumni as alumni are to it.

— Tom Triplitt '76

Director, Alumni Association

ALUMNI ACTIVITIES

Furman offers system for forwarding e-mails

Did you know that Furman can help you set up a permanent forwarding e-mail address?

It's true. Visit <http://alumni.furman.edu/alumni/email.asp>, a link on the alumni Web page, and follow the directions. Once you're set, give your address (yourname@alumni.furman.edu) to family and friends and it will automatically forward their e-mails to your current e-mail address. Should your e-mail change, you won't have to e-mail everyone in your address book. Instead, all you have to do is record that change in our system and your e-mail address stays the same.

Questions? Contact Melanie Krone Armstrong '94, associate director of the Alumni Association, at melanie.armstrong@alumni.furman.edu or by calling 1-800-PURPLE3.

Homecoming 2005: Make the trek

A reminder: Homecoming 2005 is October 21-23. Graduates of classes ending in 0 and 5 will be holding special reunions, but all alumni are invited back to campus for the fun, frivolity and festivities.

To register and find up-to-date information on Homecoming, visit www.alumni.furman.edu or call the Alumni Association at 1-800-PURPLE3.

Furman Club updates

As usual, Furman Clubs were quite active throughout the spring and summer!

In May, the Atlanta, Charleston and Triangle Area (Raleigh) clubs welcomed an array of Furman coaches as they met with alumni and talked about their upcoming seasons. Clubs in Boston, Memphis, St. Louis and the Triad Area (Winston-Salem) hosted casual dinners, picnics or happy hours that gave alumni the opportunity to meet other alums and reconnect with Furman.

The Northeast Florida Club hosted a family beach party and welcomed Gary Clark, director of athletics, and the Capital Area (Washington, D.C.) Club held a summer gathering for alumni and Furman summer interns who worked in the D.C. area. The Music City Club (Nashville) welcomed President David Shi and his wife, Susan Thomson Shi, for a dessert reception.

The Furman tradition of welcoming new students and their families to the Furman community also continued this summer all across the country. From southern California to Charleston, S.C., Furman Clubs helped the Admissions Office host summer send-offs.

Coming up this fall: Football, Furman style! Furman Clubs are already planning tailgate events before games at Western Carolina (September 10), The Citadel (October 15) and Tennessee-Chattanooga (November 19).

For up-to-date information on club events throughout the year, go to www.alumni.furman.edu or contact Jane Dungan, associate director of the Alumni Association, at atjane.dungan@furman.edu or at 1-800-PURPLE3.

CLASS NOTES SUMMER 05

55

This year is reunion!

Jimmy Senn has been inducted into the Hall of Fame of Phi Beta Mu, an international band directors fraternity. He is a charter member of the South Carolina Band Directors Hall of Fame and a member of the South Carolina Music Educators Hall of Fame. ■ **Bernett Waitt** is serving as interim pastor of Hillcrest Baptist Church in North Charleston, S.C.

59

Next reunion in 2009

Oran Nabors is interim co-pastor of Disciples Christian Church in Plano, Texas.

61

Next reunion in 2006

Laura Lee Gaskins Mohr of Irmo, S.C., has had a scholarship named in her honor by the South Carolina Council for Exceptional Children. The award will go to a college student studying special education. Laura is a psycho-educational consultant and a special education instructor.

62

Next reunion in 2007

The U.S. Parachute Association recently awarded **John "Cass" Cassidy** gold parachute wings and certificates for accumulating 1,000 skydives and more than 12 hours of free fall. A military Master Parachutist and Jumpmaster, he participated in 111 military jumps. Now retired from the Army, he lives near Murphy, N.C., and works as a cartoonist/illustrator and magazine art director. ■ **Bob Mondo** of Oak Brook, Ill., is chief executive officer of Volite Insurance Services.

64

Next reunion in 2009

Brooks Goldsmith, a former Family Court Judge from Lancaster, S.C., has been sworn in as the Sixth Judicial Circuit's resident judge. ■ The Community Foundation of Greater Greenville presented the Ruth Nicholson Award to **Hayden Hays** in recognition of his contributions to the community. ■ **Kay Knight Phillips**, retired director of the North Carolina Scholastic Press Association at the University of North Carolina and a longtime high school teacher, received the 2005 Teacher Inspiration Award from the Journalism Education Association at its spring convention in Seattle.

68

Next reunion in 2008

Charles Wilson II of Greer, S.C., is a professor and head of chemistry and physical sciences at North Greenville College. He formerly worked for Union Carbide. ■ **Jerry Alan Wood** of Santee-Nacoochee, Ga., retired from AT&T/Lucent Technology after 20 years and is now senior design specialist with Catalyst Telecom. He sings in a barber-shop quartet and has been president of the board of the Georgia Mountains Unitarian/Universalist Church.

69

Next reunion in 2009

Arnold Frank Bonner assumed duties as the 12th president of Gardner-Webb University in Boiling Springs, N.C., on July 1. He joined the school's administrative staff in 1987 as dean of the college and was promoted to provost and senior vice president in 1992. ■ **Kathryn Fowler** has been named winner of the Athena Award by the Chamber of

Commerce in Athens, Ga., for her professional excellence, efforts to mentor other women and contributions to the community. She is executive director of the Athens Community Council on Aging and is a delegate to the White House Conference on Aging.

70

This year is reunion!

W. Randolph Smith, a veteran hospital industry executive, has retired from Tenet Healthcare Corporation. With Tenet and its predecessor companies for more than two decades, he served as president of the company's former Western Division and as executive vice president of the former Central-Northeast Division and the Eastern Division. ■ **Andrew Smoak III** of Walterboro, S.C., is a probate judge for Colleton County.

72

Next reunion in 2007

Johnny Morris of Littleton, Colo., works in product marketing with AT&T.

73

Next reunion in 2008

George Harbin is commercial director for Security Networks Inc. in Boca Raton, Fla. ■ **Frances Smith Ligler**, senior scientist for biosensors and biomaterials at the Naval Research Laboratory Center for Bio/Molecular Science and Engineering in Washington, D.C., has been elected a member of the National Academy of Engineering. Election to NAE honors those who have made "important contributions to engineering theory and practice" and who have demonstrated accomplishment in "the pioneering of new fields of engineering, making major advancements in traditional fields of engineering, or

developing/implementing innovative approaches to engineering education." ■ **Ken Shigley** of Atlanta was listed as one of Georgia's "Super Lawyers" in the March 2005 issue of *Atlanta Magazine* and among the "Legal Elite" in the December issue of *Georgia Trend Magazine*. He is a certified civil trial advocate of the National Board of Trial Advocacy, is included in the Bar Registry of Preeminent Lawyers and is a member of the State Bar of Georgia Board of Governors. ■ **Don Spencer** of Roswell, Ga., is employed by the state Department of Corrections.

74

Next reunion in 2009

David Savage is information specialist with EDS, Inc., in Arlington, Texas, where he programs mainframe computer systems for American Airlines and US Airways. He plays trombone and his wife, Judie, is a percussionist with the Fort Worth Civic Orchestra and the Arlington Community Band.

75

This year is reunion!

Cynthia Stoll Gordon of Germantown, Md., has retired after working for both House and Senate members on Capitol Hill for 25 years. She now works for Potomac Financial Group as administrative assistant and is pursuing her first securities license. ■ **William Onesty** lives in Roanoke, Va., and works as senior engineer with M/A-COM.

76

Next reunion in 2006

Randy Eaddy was one of five Atlanta leaders honored by the Huntington's Disease Society of America for their

Furman alumni news

CLASS NOTES SUMMER 05, cont.

achievements and for the improvements they have brought about in the quality of life in their communities. Randy, a partner with the Kilpatrick Stockton law firm, received the Team Hope Award for Corporate Management and Diversity Leadership.

77

Next reunion in 2007

William Barbee of Moseley, Va., is a budget and policy analyst with the Virginia Department of Planning and Budget. ■ **Fred DeFoor** of Columbia, S.C., is minister of music at St. Andrews Baptist Church. His wife, **Cindy Creech '78 DeFoor**, teaches preschoolers with disabilities at Harbison West Elementary School. ■ **Joyce Wolfe Dodd** (M.A.), a mathematics teacher at Bryson Middle School in Simpsonville, S.C., is one of 95 elementary and middle school teachers from across the country to win the 2005 Presidential Award for Excellence in Mathematics and Science. The award is the highest honor for teaching in these fields and carries with it a \$10,000 prize. ■ **Larry D. Russell** has been appointed to the position of lecturer in the Department of Religious Studies at Elon (N.C.) University. ■ **Robin Hiott Spinks** of Wrightsville Beach, N.C., is president of Greenfield Development Company, an economic and community development consulting firm. ■ **Brenda Leatherman Steward** (M.A.) is president-elect of the South Carolina Association of Legal Administrators. She is director of administration for Leatherwood Walker Todd & Mann in Greenville.

78

Next reunion in 2008

Cynthia Huggins has been appointed to a two-year term as president of the University of Maine at Machias, where

she has previously served as associate professor of English and as acting vice president for academic affairs.

79

Next reunion in 2009

Anthony McDade is executive director of the Greenville Area Interfaith Hospitality Network (GAIHN), a community organization for homeless families.

80

This year is reunion!

Leslie Raymer expects to complete her Master of Divinity degree at Emory University's Candler School of Theology in December and is seeking ordination within the United Church of Christ. She is an archaeologist and paleoethnobotanist with New South Associates, Inc., in Stone Mountain, Ga.

81

Next reunion in 2006

June Carland Hammond is an associate professor of fine arts and head of the music program at Saint Leo University in Florida. She performs as a bassoonist in the Tampa Bay area, and she and her husband, Bruce, own a dressage horse farm. ■ Formerly the chief credit officer of Coastal States Bank on Hilton Head Island, S.C., **Daniel Holland** has been named the bank's president. ■ **Thomas McLain** practices law with the Atlanta firm of Womble Carlyle Sandridge & Rice, PLLC. ■ **Natalie Wilson Swonger** of Toledo, Ohio, is chief financial officer with Electronic Concepts and Engineering, Inc.

82

Next reunion in 2007

Mike and Lisa Dennis Daly live in Arlington, Va. Mike, a commander in the U.S. Navy, works at the Pentagon on the Joint Chiefs staff. ■ **Maggie Long McGill** of Rock

Hill, S.C., serves as principal clarinetist with the Olde English Wind Ensemble. The group performed at the American Bandmasters Association Convention in Gainesville, Fla., in March.

83

Next reunion in 2008

Lee Belcher McFadden is a paralegal employed by Leatherwood Walker Todd & Mann, P.C., in Greenville. ■ **Thomas Walker** is manager of Ferguson Enterprises, Inc., in Bluffton, S.C. ■ **BIRTH: Paul and Deborah Foster**, a son, Cole Evans, February 10, West Chester, Pa. Paul is a vice president with Delaware Investments.

84

Next reunion in 2009

After many years in the ministry, **Jack Borders** has become director of the Greater Lawrence County (Ohio) Area Chamber of Commerce. ■ **Kristi Pearson Kirkland** of Flowery Branch, Ga., works as research analyst for the Tennebaum Institute at Georgia Institute of Technology. ■ **John McKinstry** is principal engineer with the Titan Corporation in Greenwood Village, Colo. ■ **Bonnie Borsnay Sneed** has accepted a position with Denison University in Granville, Ohio, as associate professor of music and director of choral activities.

85

This year is reunion!

Scott Cobranchi (M.S. '87) of Simpsonville, S.C., is a manager with Cryovac Sealed Air Corporation. His wife, **Kimberly Reeves '90 Cobranchi**, is a CPA at Elliott Davis. ■ Bell Helicopter has appointed **Scott Fitzgerald** as executive director for sales in Europe, Africa and the Middle East. ■ **Daniel Reitz** is a financial consultant with Smith Barney in Allentown, Pa. ■ **Adair Dean Rogers** is minister of

music at First Baptist Church in Laurens, S.C., and director of SeraphSong, a performing group of women in music ministry. She received a Master of Church Music degree from Erskine Theological Seminary in May. ■ **James Strange** of Tampa, Fla., is an adjunct professor at Eckerd College while finishing his dissertation in New Testament Studies at Emory University. ■ **BIRTHS: Tim and Carol Garrington**, a son, Christopher, June 3, 2004. Tim is a pediatric oncologist at the Children's Hospital in Denver, Colo. ■ **Gary and Jacquelyn Poland Hoagland**, a daughter, Quinn Carys, September 17, 2004, Colts Neck, N.J. Jacquelyn is an attorney with Hoagland, Longo, Moran, Dunst and Doukas.

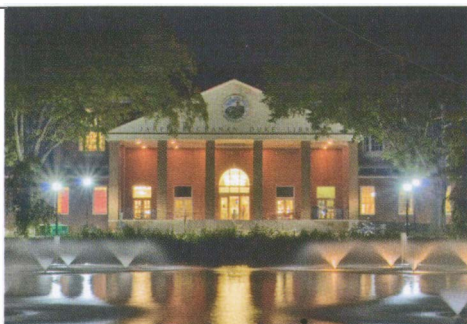
86

Next reunion in 2006

Hilda Winstead Marcos has been named senior vice president and retail banking manager for Greer (S.C.) State Bank. ■ **Camilla Gibson Pitman** is legal office coordinator in the Greenville City Attorney's Office. In addition to directing the Miss Greater Greer scholarship pageant, she has served on the boards of the Greer Cultural Arts Council and the Legal Staff Professionals of Greenville and has been national contest director for Drum Majorettes of America. ■ **BIRTHS: David and Jenny Baillie**, a daughter, Mia Joelle, May 29. David is pastor of outreach and recreation at First Church of the Nazarene in Chicago. ■ **James and Erin Mason**, a son, Noah Clark, April 27, 2004, Raymond, Miss. James is director of instruction in the Hinds County School District. ■ **Richard and Sarah Couture Pope**, a daughter, Fallon Helene, March 9, Lutz, Fla. ■ **Mark and Kaye Walsh**, a son, Brian Arthur, August 20, 2004, Charlotte, N.C.

AMERISUITES*
864.232.3000 \$70
HILTON GREENVILLE
864.232.4747 \$80
HOLIDAY INN EXPRESS *
DOWNTOWN
864.678.8000 \$79
HYATT REGENCY
864.235.1234 \$99
MARRIOTT GREENVILLE
864.297.0300 \$89
PHOENIX INN
864.233.4651 \$69-\$79
WESTIN POINSETT
864.421.9700 \$112

*complimentary
breakfast included



Homecoming

October 21-23

FRIDAY OCTOBER 21

ALUMNI GOLF	REUNION DROP-INS
ALUMNI ART SHOW	PEP RALLY
CARNIVAL ON THE MALL	FIREWORKS

SATURDAY OCTOBER 22

ALUMNI BREAKFAST	LUNCH ON THE LAWN
DEPARTMENT DROP-INS	PARADE
FOOTBALL VS ELON	REUNION BANQUETS
DOWNTOWN BLOCK PARTY	

SUNDAY OCTOBER 23

WORSHIP SERVICE



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87

Next reunion in 2007

Stafford Green is currently in Berlin, Germany, on assignment for the Coca-Cola Company. ■ **BIRTH:** **Kenneth and Stephanie Mangels '90 Watson**, twin sons, Samuel Wayne and Matthew Lee, November 2. They live in Kennesaw, Ga.

88

Next reunion in 2008

David Parker of Shelby, N.C., is an associate professor of English at Gardner-Webb University. ■ **Lynn Purcell Wright** of Simpsonville, S.C., is a physician with Piedmont Psychiatric Services, PA. ■ **BIRTHS:** **Brian and Beth Black**, a daughter, Eleanor, January 26, 2004, San Francisco, Calif. ■ **Randall and**

Nicole Buice, a daughter, Kendall, May 2, Marietta, Ga. **Randall** is manager of office services with Powell Goldstein LLP.

89

Next reunion in 2009

John Blevins has graduated from Emory University with a Doctor of Theology degree. He works in the School of Medicine, the School of Public Health and the School of Theology at Emory, where he teaches in the areas of public health, mental health and religion. ■ **Michael Alan Miller** is vice president and audit consultant with Bank of America in Charlotte, N.C. ■ **Robert Moody** has accepted an appointment as music director and conductor of the Winston-Salem (N.C.) Symphony. He is also resident conductor for

the Phoenix (Ariz.) Symphony, with which he will continue until May 2006. ■ **BIRTHS:** **Brian and Kathryn Kaib '90 Clark**, a son, Andrew Thomas, April 12, Acworth, Ga. ■ **Marshall and Anne Ferrell**, a son, Addison, June 4, 2004, Tampa, Fla. ■ **Jairy and Christy Hunter**, a daughter, Lily Cate, December 27, North Charleston, S.C. **Jairy** is medical director at Palmetto Primary Care Hospital.

90

This year is reunion!

Georgia Gov. Sonny Perdue has appointed **Jason Deal** to the Superior Court of the Northeastern Judicial Circuit covering Hall and Dawson counties. **Jason** had served as the district attorney of the Northeastern Circuit since 2002. He received Furman's Outstanding Young Alumni Award in 2003. ■ **Bert Pridgen** of Leesburg, Ga., is an anesthesiologist with Albany Anesthesia Associates. ■ **J.P. Royer III** of Sanford, Fla., is one of two recipients of the "League Educator Apple Award" for 2005 from The League of American Theatres and Producers, Inc. The award recognizes educators and administrators for their commitment to arts education and for their work with league member venues that present touring Broadway shows. **J.P.** teaches at Midway Elementary School. ■ **Clark Sehon** of West Chester, Pa., is employed by GlaxoSmith-Kline. ■ **MARRIAGES:** **Elizabeth Aurilio** and **Jim Fenton**, March 5. **Elizabeth** is an account analyst with Clark Consulting in Greensboro, N.C. ■ **George Charles Haddad, Jr.**, and **Mary Hipp**, December 10. **George** is a pediatrician at Mary Black Hospital in Spartanburg, S.C. ■ **BIRTHS:** **Elton and Amy Williamson Bailey**, a daughter, Savannah Claire, February 22, Parker, Colo. ■ **Jeff and Jennifer Browne**, a daughter,

Eleanor Clark, December 27, Gray, Ga. ■ **Christopher and Sonja Gaschler Bryant**, a son, Christopher Herbert, Jr., May 2, 2004. **Sonja** is a social studies teacher at Berea High School in Greenville. ■ **Malcolm '93 and Stephanie Rowell Murray**, a daughter, Samantha, March 7, 2004, Monroe, N.C. **Stephanie** is an administrative assistant to the vice president of finance with Goulston Technologies, Inc. ■ **Brian and Aimee O'Keefe**, a son, Leyton Walker, November 2. **Brian** is an attorney with McAngus, Goudelock and Courie in Charleston, S.C. ■ **Doug and Beth Goodlet '91 Williams**, a daughter, Addison, May 24, 2004. **Beth** is director of youth ministries for First Presbyterian Church in Charlotte, N.C.

91

Next reunion in 2006

Matt Kneeland has joined the Haywood Road office of Greenville First Bank as vice president/team leader. He has worked in banking for 13 years, most recently with AmSouth in Tennessee. ■ **Dawn Allison Strickland** is a part-time lecturer in French in Furman's Department of Modern Languages and Literatures. ■ **MARRIAGE:** **Laurel Epps-Hankey** and **Robert Jones**, December 18. They live in Canton, Ga. ■ **BIRTHS:** **Scott '94 and Kerstin Reinhold Armstrong**, a daughter, Karis Ila, June 17, 2004, Orlando, Fla. ■ **Andy and Diane Geary Powers**, a daughter, Lauren Grace, March 4. They live in Herndon, Va., and **Diane** is a senior project manager for Visa USA.

92

Next reunion in 2007

Kristin Whitley Owens is a social studies teacher at Byrnes High School in Duncan, S.C. ■ **Paige Snider** is a consultant with Development Alternatives, Inc., in Bethesda,

CLASS NOTES SUMMER 05, cont.

Md. ■ **Jennifer Stone-Rogers** is trade show and operations manager for Kellen Company in Atlanta. ■ **Sherry Viduya** works as a physician at Palmetto Primary Care in Charleston, S.C. ■ **MARRIAGES:** **Kristen Pell Adikes** and Dave Lynch, October 23. They live in New York, and Kristen is director of product marketing for LivePerson, Inc. ■ **Hope McIlwain** and David Wood, December 23. Hope teaches mathematics at Mercer University in Macon, Ga. ■ **BIRTHS:** **Roger** and **Claire Carbonier**, a son, Jackson, May 12, Wilton, Conn. Roger is manager of XL Reinsurance America. ■ **Chris** and **Jean Allen Landmesser**, a daughter, Lottie Olivia, September 28, 2004, Canton, Ga. ■ **Michael** and **Carey Lube**, a daughter, Meredith, August 13, 2004, Allen, Texas. Michael is an engineer with Texas Instruments.

93

Next reunion in 2008

Ron Garner is an associate pastor at Mount Tabor United Methodist Church in Winston-Salem, N.C. ■ **Cindy Keeler Hair-Whitaker** graduated from the University of Oklahoma School of Social Work and now works as a therapist in the Greenville Hospital System. ■ **Britt Steed** is regional director of business development with Asterand, Inc., in Raleigh, N.C. He works with biotech and pharmaceutical companies in designing their research and acquiring biomaterials for drug development studies. ■ **Scott Stewart** is a physician with Northeast Georgia Otolaryngology in Gainesville. ■ **Michael** and **Julie Holliday Wayne** live in Advance, N.C. Julie is on the business faculty at Wake Forest University and Michael is a pharmaceutical sales representative with Pfizer Corporation. ■ **MARRIAGES:** **Joseph Byron Cousins** and **Devereaux**

Jones, February 12. Joseph is government sales manager with Blue Water Ropes of Carrollton, Ga. ■ **Peter Hardy** and **Lisa Josefin Ringenson**, July 3, 2004. They live in Birmingham, Ala., where Peter is director of institutional client services with AmSouth Asset Management. ■ **James Redd** and **Britney Lea Varner**, February 4. They live in Milton, Fla., and James is business services officer with Branch Banking and Trust. ■ **BIRTHS:** **Jay** and **Anna Maria Maxwell Cowart**, a daughter, Amelia Johnstone, February 11, Greenville. ■ **Burns** and **Lyn Blackwell Edmonds**, a son, Davis Graham, March 1, Greenville. ■ **Craig** and **Pam McCoy**, a son, Andrew, December 30. Craig is chief operating officer with Carolina Pines Regional Medical Center, a health management associates facility in Hartsville, S.C. ■ **Brian** and **Laura Miller Mitchell**, a son, Nathan John, February 28, Burlington, N.C. ■ **Reggie** and **Elizabeth Camps O'Shields**, twins, a son, Brendan Patrick, and a daughter, Katherine Elizabeth, June 18, 2004. Elizabeth is a tax manager with Cox Enterprises in Atlanta. ■ **Scott** and **April Still Roy**, a son, Cole Ansel, February 15, Black Mountain, N.C. Scott works as an investment representative with Edward Jones Investments. ■ **John** and **Kimberly Hudgins Taylor**, twin daughters, Emily Dolores and Catherine Elaine, January 11, Glendale, Ariz. ■ **Troy** and **Susan Silver Van Aacken**, a son, Alexander Steven, March 29. Susan is a public health analyst with the Centers for Disease Control and Prevention in Atlanta. ■ **Nathaniel** and **Elizabeth Olsen Wade**, a daughter, Madeleine Elizabeth, March 22, Ames, Iowa.

94

Next reunion in 2009

John Adams, a teacher at White Knoll High School in

Lexington, S.C., has received his National Board Certification. His wife, **Swann Arp Adams**, completed her Ph.D. at the University of South Carolina and is an assistant professor of epidemiology at the university's Arnold School of Public Health.

■ **Kelly Gainey** is a guidance counselor at Oakdale Elementary School in Rock Hill, S.C. She coaches track at Saluda Trail Middle School. ■ **Sarah Altemose Lourie** of Los Olivos, Calif., and her husband, David, both work at Midland School, she as a teacher and coach and he as headmaster. ■ **Graco Paredes** is corporate and regulatory affairs manager with British American Tobacco in Tegucigalpa, Honduras. ■ **MARRIAGE:** **Stowe Barber** and **Wendy Hamilton** '98, April 9. She is a registered nurse in the trauma unit of Carolina's Medical Center in Charlotte, N.C., and he is a businessman. ■ **BIRTHS:** **Andrew** and **Mary Kay Johnson Deese**, a daughter, Celia McMahan, October 31. Mary Kay is International Baccalaureate coordinator at Spartanburg (S.C.) Day School. ■ **Jason** and **Vanessa Hinson** '95 **Helms**, a son, Harrison Robert, February 15, 2004, Charlotte, N.C. ■ **Jason** '95 and **Carol Sargent Holland**, a daughter, Mayce Elizabeth, March 15, Calhoun, Ga. ■ **Ken** and **Christine Edwards** '95 **Lake**, a daughter, Abby Sharon, November 10, Wake Forest, N.C. Ken has been serving as a chaplain at University of North Carolina Hospitals and recently completed a pastoral care residency. ■ **Bill** and **Mary Catherine Martin Lawton**, a son, Murphy, March 27, Pelzer, S.C. ■ **Jason** and **Erika Lynn Gasdek Pausman**, a son, Benjamin Seth, June 26, 2004, Charlotte, N.C. ■ **Richard** '95 and **Shannon Simpson Riley**, a daughter, Reagan Elizabeth, May 11, Mountain Brook, Ala. Richard is with Simpson Commercial and Shannon is presi-

dent and chief executive officer of One Stop Environmental, LLC, a hazardous material disposal company.

95

This year is reunion!

Britt and **Bridget Biltgen Faunce** live in Alpharetta, Ga., where Bridget owns Uncommon Scents and a Web site, www.pamperingpotions.com. Britt is a financial specialist with First Union. ■ **Bo Ferguson** has become the assistant town manager in Black Mountain, N.C. He was previously assistant to the town manager in Rockville, Md. ■ **Karen Morse** of West Hartford, Conn., has earned a Master of Music degree in voice and opera from The Hartt School, the University of Hartford's music school. ■ **Derek Oliver** is on active duty with the U.S. Army as the psychologist for the 2nd Cavalry Regiment Stryker Brigade Combat Team at Fort Lewis, Wash. ■ **Mary Beth Ponder** recently assumed a position as physician services manager with RelayHealth, Inc., a California-based company that offers on-line communication services for doctors and their patients. She lives in Boca Raton, Fla. ■ **MARRIAGES:** **Meredith Tomlinson** and **Jerry Williams**, March 5. Formerly a professor at Winthrop University, she will begin a new job this fall as an assistant professor of mathematics at Campbell University. He is a psychological operations specialist in the U.S. Army and is stationed at Fort Bragg, N.C. ■ **Janet Patricia Wheeler** and **Gerald Francis Dorneker, Jr.**, April 9. They live in Greenville where he is employed at Gales Rubber. She teaches at Dacusville Middle School. ■ **Aaron Wolfe** and **Kathleen McCormack**, November 27. Aaron is a student at Old Dominion University and Kathleen teaches third grade in the Newport News (Va.) public schools. ■



Boyd



Maddox



Sullivan



Block



Church

Alumni Association Board welcomes new members

Two graduates from the Class of 1954 are among five new members of the Alumni Association Board of Directors for 2005-06. The board nominated the new members at its spring meeting, and they will begin their duties this fall.

Joining the board for five-year terms are:

■ Edna Wells Boyd '54, Albuquerque, N.M. Holder of a master's degree in counseling from the University of New Mexico, Edna spent most of her career as a high school guidance counselor in Albuquerque. She currently is an active community volunteer with abused and neglected children, Native Americans and with the Presbyterian Church (USA). She has been a head agent for the Class of '54 and chaired the group's 50th reunion celebration last fall.

■ J. Cordell Maddox '54, Jefferson City, Tenn. From 1977 until his retirement in 2000, Cordell was president of Carson-Newman College. Previously, he was president of Anderson College from 1971-77 and worked as assistant to the president at Furman from 1961-71. Active in the Rotary Club and Chamber of Commerce, he served on his 50th reunion committee last fall. He received an honorary degree from Furman in 1976.

■ Heyward M. Sullivan '59, Greenville. Heyward is the retired president of Hale's Jewelers, one of America's oldest jewelry firms. A member of the Furman Athletic Hall of Fame and the South Carolina Golf Hall of Fame, he

is a past president of the local Metropolitan Arts Council, Downtown Greenville Association, South Carolina Jewelers Association and Carolinas Golf Association, and has served on a number of civic and community boards.

■ John M. Block '63, Greenville. A member of the Furman history faculty since 1968, John retired this year. Now he'll have a new perspective on university life. He received the Alester G. Furman, Jr., and Janie Earle Furman Award for Meritorious Teaching in 1984. He was a member of the basketball team during his student days, and from 1996-2000 he took a "break" from his teaching duties to serve as vice president for intercollegiate athletics.

■ Bobby Earl Church '78, Griffin, Ga. Bobby, who played football at Furman, is a safety manager for Printpack, Inc. For the last six years he has also been pastor of Griffin Chapel United Methodist Church. He has served on the board of the Carroll County Chamber of Commerce and of the county's Employers Committee, and is a volunteer for Angel Food Ministries.

The board also extended a fond farewell to five outgoing members. Thanks go to John Cassady '62, Catherine Hunter Hightower '55, Jeanne Howard '81, Catherine Rakestraw Smith '92 and Mickey Walker '55 for their hard work on behalf of alma mater.

— Tom Triplitt '76

Director, Alumni Association

BIRTHS: Robert Craig and Laurie Haynes Burlington, a daughter, Esther Emma, March 1, East Point, Ga. ■ Timothy and Rebecca Bellamy Hunt, a son, Timothy, Jr., July 20, 2004, New York City.

■ Kevin '98 and Sonya Scott Jackson, a daughter, Lauryn Mychelle, January 27, Memphis, Tenn. Sonya is a vice president with Union Planters Bank and Kevin is a pediatric dentist, currently completing his residency at the University of Tennessee-Memphis. ■

Charles and Kimberly Keefer, a daughter, Victoria Ashlyn, March 25. Charles is an exercise physiologist in the Greenville Hospital System and Kim is on the student services staff at Furman. ■

Rogers and Christine Stinson, a daughter, Saige Carrie, May 31, 2004, Fort Stewart, Ga. Rogers is an aviator in the U.S. Army. ■ Bruce and Michelle

Harb Walter, a daughter, Allison, November 18. They live in Durham, N.C., where Michelle is a biostatistician and project director with Rho, Inc. ■ Markus and Molly Baumgardner Wimmer, a daughter, Ana Marie, March 24, Greer, S.C.

96

Next reunion in 2006

Leanna Kelley Fuller is associate pastor at Oakland Christian Church in Suffolk, Va. ■

Jason Scott Rawlings recently finished his Ph.D. at the University of Kentucky and is now a postdoctoral fellow at St. Jude Children's Research Hospital in Memphis, Tenn.

■ Allison Rinker St. John received her Ph.D. in psychology from George Washington University in May. ■ **MARRIAGE:** Neil Sparks and Tonya Kay Denning, September 13, 2004. They live in Blacksburg, Va., where Neil is a student at Virginia College of Osteopathic Medicine. ■ **BIRTHS:** Gerrit and Leslie Albert, a daughter, Neely Jane,

September 14, 2004. Gerrit is president of Hampton Hall, a luxury home community in Bluffton, S.C. ■ Jason Peck and Jennifer Creech, a son, Syler Joel Peck-Creech, February 17, Minneapolis, Minn. Jennifer is a graduate student in German studies at the University of Minnesota.

■ Joshua '98 and Michelle Good Holmes, a daughter, Jordan Riley, March 6, 2004. They live in Taylors, S.C., and Joshua is product manager with NuVox Communications. ■ Barney and Anne Stanford

'98 Lynch, a son, Patrick Stanford Lynch, January 26, Murrells Inlet, S.C. ■ Tripp and Sherri Lewis Martin, a son, Carl James, February 22, Easley, S.C. ■ Craig and Meredith Matkin Newmaker, a daughter, Reagan Michelle, June 1, 2004, Monument, Colo. Meredith is a software developer with Focus on the Family. ■ Ryan and Kim Bourret Pendergraph, a son, Jacob Michael, April 9, 2004, Richmond, Va. Kim is a physical therapist with Sheltering Arms Rehabilitation. ■

Stephen and Crystal Smoak, a daughter, Elizabeth Mae, November 26, Camden, S.C. ■ Fabio and Julie West Torres, a son, Fabio Eduardo, March 4, Fort Worth, Texas.

97

Next reunion in 2007

LeRoy (M.A. '99) and Aleta Butler live in Blythewood, S.C. LeRoy is director of technology services in Lexington/Richland School District 5. ■ Deanna Drafts works in digital imaging and

CLASS NOTES SUMMER 05, cont.

post-production for an architectural photographer in Atlanta. As a freelancer, her work has appeared in Atlanta area publications and in *Southern Living* magazine.

■ **Crotia Garner** is district manager of Ann Taylor Loft for Washington, D.C., and is pursuing an M.B.A. degree at Marymount University.

■ **Susie Nabors Hubbard** of Ypsilanti, Mich., is child advocate/volunteer coordinator with the Washtenaw Intermediate School District, working with a program for students who are homeless. ■ **Nakia Pope** received his Ph.D. in social foundations of education from the University of Virginia in May and was scheduled to begin work in August as an assistant professor in the College of Education at Winthrop University in Rock Hill, S.C. ■ **MARRIAGES:** **Brian James Cross** and Kelly Marie Griffin, April 9. Brian is an attorney with the Florida Department of Environmental Protection in Tallahassee.

■ **LeAnne Elizabeth Legg** and Kevin Thomas Alewine, March 12. They live in Charlotte, N.C., where she is a speech/language pathologist at Child and Family Development Inc. and he is a private lending specialist at Bank of America.

■ **BIRTHS:** **Andrew** and Jennifer **Becker**, a son, Carlson Lynch, January 2, Chicago. ■ **Ryan** and **Cyndee Lee Bonacci**, a son, Isaac Glynn, April 8, Lawrenceville, Ga. ■ **Chris** and **Melanie Montgomery Brummett**, a son, Cooper, October 15, Perryville, Ky. ■ **Graham** and **Bradley Majette Fox**, a daughter, Caroline Milne, March 8, Decatur, Ga. ■ **Dennis** and **Rachel Kazanjian Heneghan**, a daughter, Chloe Elizabeth, April 12, Charlotte, N.C. ■ **Eric** and **Kerri Saller '98 Wallace**, a daughter, Ella Grace, April 12, Iowa City, Iowa. Eric is a resident physician in general surgery at the University of Iowa Hospitals and Clinics.

98

Next reunion in 2008

The Virginia Historical Society chose **Sally Ryan Burgess** to receive the 2005 Brenton S. Halsey Award, which recognizes an educator who demonstrates scholarship, enthusiasm and creativity in teaching Virginia or American history. Ryan teaches at Virginia Randolph Community High School in Glen Allen. ■

■ **Jennifer Chase Chandler** has received National Board Certification and is a teacher in Richland School District 2 in Columbia, S.C. ■ **Kristen Burns Chaneyworth** is marketing director with Tripoint Development Company in Columbia, S.C. ■ **Jason Combs** is an international admission representative for the Savannah (Ga.) College of Art and Design. ■ **Brian Greene** received a master's degree in library and information science from the Simmons College Graduate School of Library and Information Science in Boston. After working at Harvard College Library for the past four years, he is now assistant head of access services at Northeastern University's Snell Library. ■ **Mitch '99** and **Kathryn Pierce Kiser** have purchased Ethan Allen Home Interiors in Columbia, S.C. ■ **Chris Lassiter** has received a Ph.D. in genetics from Duke University. He has been working with classmate **Elwood Linney** on the estrogen pathway and its use during development.

■ **Jennifer Lentini** graduated from the Medical University of South Carolina and started a residency in Toledo, Ohio. ■ **T.J. McGoldrick** of Cincinnati, Ohio, is director of athletics in the Three Rivers School District. ■ **Traci Shortridge** received a master's degree in speech-language pathology from the University of North Carolina in May and has begun work in outpatient pediatric speech and language

services at Wake Forest University Baptist Medical Center.

■ **Jennifer Pittman Viscusi** is an optometrist with Drs. Eyecare Center in Newtown, Pa. ■ **Molly Warmoth Watson** of Easley, S.C., is senior chemist with Pharmaceutical Associates. ■ **MARRIAGES:** **Joseph Edward Anthony** and Janice Anne Jutta, October 9. She is a registered marketing associate with Legg Mason in Easton, Md., and he is a credit analyst for Mercantile Eastern Shore Bank. ■ **John Jacobs** and Amy McLarty, August 7, 2004. They live in Atlanta where he is an account manager for C.H. Robinson Worldwide and she works in the Governor's Office of Planning and Budget. ■

■ **Amanda Mackee** and Pete Peterson, February 26. They live in Tallahassee, Fla., and Amanda works in marketing for the Florida Department of Agriculture and Consumer Services. ■ **Kiana Matthews** and Mark Dezelon, March 12. They live in Garland, Texas, and both are employed by Texas Instruments. ■ **Casey Price** and **Jayson Christopher Riddle**, May 22, 2004. They live in Florence, S.C. ■ **Jacky Prickett** and Patrick Maroney, March 19. They live in Austin, Texas, where Jacky is an associate with the law firm of Haynes and Boone, LLP. ■

■ **BIRTHS:** **Gavin** and **Amanda Hoffman Desnoyers**, a son, Jackson Gavin, March 19. Amanda is a missionary in Slovakia with Josiah Venture, a high adventure camp for high school students. ■ **Jim** and **Robin Vaught Parrish**, a son, Jackson James, May 5, 2004. Robin is an associate with the Fritscher Law Firm in Raleigh, N.C.

99

Next reunion in 2009

■ **Clevonne Houser Gaillard** has joined the Nashville, Tenn., office of the law firm of Bass, Berry & Sims PLC. She is an associate in the healthcare

industry practice area. She was previously with Thompson Hine LLP in Cleveland, Ohio. ■ **Rebekah Gentry Gregory** has become assistant director of the Paladin Club at Furman. She previously worked at Michigan State University, where she was an assistant director in the Office of Athletic Compliance. ■ **Erin Forrest Johnson** has been promoted to associate partner at the Bell Oaks Company executive search firm in Atlanta. ■ **Jason Long** has joined the academic records staff at Furman as an assistant registrar, responsible for technology management. He most recently was the lead Web developer for an Internet

2005-2006 ALUMNI ASSOCIATION BOARD OF DIRECTORS

James H. Simkins, Jr. '78, president; Harriet Arnold Wilburn '74, president elect; Randolph Williams Blackwell '63, vice president; Pamela Underwood Thomason '76, past president; Rebecca Hood Becherer '89; Venita Tyus Billingslea '81; John M. Block '63; Edna Wells Boyd '54; J. Chris Brown '89; Rosalie Manly Burnett '49; H. Furman Cantrell '61; Bobby Earl Church '78; David S. Cobb '90; Allen Cothran '01; George L. Johnson '68; Vicki Bieksha Johnson '93; William A. Lampley '41; Charles W. Linder '59; J. Cordell Maddox '54; Clare Folio Morris '83; Paul B. Nix, Jr. '77; James G. Revels, Jr. '62; Ginger Malone Sauls '75; David M. Schilli '85; Steven B. Smith '83; Heyward M. Sullivan '59; Davin K. Welter '89.

Ex-Officio and Other Members: David E. Shi '73, president; Donald J. Lineback, vice president for development; Tom Triplitt '76, director of Alumni Association; Jane Dungan, associate director of Alumni Association; Melanie Krone Armstrong '94, associate director of Alumni Association; Todd Malo '95, president, Young Alumni Council; Jonathan Bettis '06, president, Student Alumni Council; Amer Ahmad '06, president, Association of Furman Students; Brandi Childress '06, president, Senior Class.

start-up based in Gainesville, Ga. ■ **Kristi Hultstrand Reed** and her husband, Mark, have moved to West Hartford, Conn., to begin a chapter of Reformed University Fellowship at Trinity College. ■ **Lauren Smith** received a master's degree in geology with a specialization in hydrology from the University of Florida and works as an environmental scientist with MACTEC Engineering and Consulting, Inc. She lives in Wakefield, Mass. ■ **Benjamin Vinson** of Atlanta has become an associate with McKenna Long Aldridge LLP. Prior to that he worked as counsel to the majority caucus in the Georgia House of Representatives. ■ **Allen Wadford** of North Charleston, S.C., is regional training general manager for Whit-mart, Inc.-Applebee's. ■ **MARRIAGES:** **Michelle Belton** and **Tyler Smyth**, April 9. They live in Charleston, S.C. ■ **Mira Hibri** and **John Howard, Jr.**, April 3. They live in Irmo, S.C. ■ **BIRTHS:** **Kevin and Kristin Simpson '01 Leedy**, a son, Kevin, Jr., January 8, Grayson, Ga. ■ **Jeff and Alicia Leerssen Stark**, a son, Edward Augustine, January 19, Tyrone, Ga.

00

This year is reunion!

While attending graduate school at George Mason University, **Amanda Thrasher Hobbs** is working for Robinson & Associates, Inc., a historic preservation consulting firm in Washington, D.C. ■ **Erin Carnahan Lane** of Raleigh, N.C., has become marketing communications manager for Scandinavian Child, Inc., a company that imports children's products from Europe. ■ **Meg Ramey** was presented the 2004-05 George W. Truett Theological Seminary Outstanding Student Award at Baylor University. She has been awarded a Rotary Ambassadorial Scholarship to study theology at the University of

St. Andrews in Scotland for the 2005-06 academic year.

■ **Stephanie Spottswood Scurlock** is director of youth and children's ministries at St. James United Methodist Church in Atlanta. ■ **Elizabeth Patz Skola** of Marietta, Ga., graduated from Emory University School of Law in May. ■ **Alex Vogel**, a recent graduate of the Mississippi College School of Law, is an attorney with O'Neil, Parker & Williamson in Knoxville, Tenn. ■ **Shawn Willis** lives in Columbia, S.C., where he is a lawyer with Whitener & Wharton, P.A., practicing in the areas of real estate and intellectual property. ■ **MARRIAGES:** **Russ Boyd** and **Sarah Elizabeth Jack**, March 5. They live in Memphis, Tenn. Russ is associate minister at Collierville Christian Church and Sara teaches at the Memphis Oral School for the Deaf. ■ **Alli Dunlap** and **Bill Meritt**, October 2. They live in Mooresville, N.C., and Alli works in merchandising with Lowe's Companies, Inc. ■ **Mary Catherine Foster** and **Kyle Cole**, May 29, 2004. They live in Atlanta where Mary Catherine is studying for a Master of Divinity degree at Candler School of Theology. ■ **Briana Guthrie** and **Erik Senland**, April 30. They live in Sterling, Va., and Briana is youth and program director at Great Falls United Methodist Church. ■ **William Andrew Murphy** and **Rebecca Reid Breckenridge '01**, April 23. She is an ophthalmology resident at the Medical University of South Carolina in Charleston and he is a certified financial manager at Merrill Lynch. ■ **Jennifer Orr** and **Clay O'Daniel '01**, July 10, 2004. They live in Atlanta where Jennifer is an elementary school teacher. ■ **BIRTHS:** **Dewayne and Michelle Reid Gainey**, a daughter, Kristen, December 6. They live in Loganville, Ga., and Michelle works as a paralegal with

Drew, Eckl & Farnham. ■ **Matt '02** and **Megan Christina Larson Johnson**, a daughter, Elliana Grace, June 10, 2004, Greenville. ■ **Matt and Celeste Riddle Schnabel**, a son, Trevor Henry, February 15, 2004. Celeste is a speech-language pathologist in Morganton, N.C. ■ **Samuel and Jennifer Lee Coats Solorzano**, a son, Landon Philip, February 12. Jennifer is general manager for Gulfstream International Airlines (Continental Connection) in Jacksonville, Fla. Samuel is a captain with Continental Connection. ■ **Jay '01** and **Deborah Wells Thompson**, a daughter, Lillian Frances, March 2, Columbia, S.C. ■ **James and Candace Cuddy Williams**, a son, Camden Michael, July 3, 2004, Gainesville, Fla. Candace has a master's degree in physical therapy and works at Munroe Regional Medical Center.

01

Next reunion in 2006

Joe and Betsy Biedlingmaier live in Knoxville where he is studying for a master's degree in mental health counseling at the University of Tennessee and she is in her fourth year at the university's College of Veterinary Medicine. ■ **Steven Burdine** is working for the American Medical Association in Washington, D.C., for one year, after which he will return to the Medical University of South Carolina. ■ **Laurie Conway** is employed by GE Commercial Finance in Dallas, Texas. She was scheduled to begin study for her M.B.A. degree at Southern Methodist University in August. ■ **Nicole Traynum Ladd** of Pendleton, S.C., teaches music at Townville Elementary School. ■ **Anne-Leigh Gaylord Moe** graduated from Arizona State University College of Law in May. She was editor-in-chief of the *Arizona State Law Journal* and graduated with Pro Bono Distinction. She is a clerk for the Hon.

CLASS NOTES POLICY

Because of the large number of submissions and clippings **Furman** receives for the magazine's class notes section and the time needed to review, compile and edit so much information, news items frequently are not published until five or six months after they are submitted.

Furman magazine does not publish dated items (anything more than 18 months old at time of publication) or engagement announcements. Birth and marriage announcements for alumni couples who graduated in different years are included under the earliest graduation date (except if requested otherwise); they are not listed under both classes. When submitting items, please include your spouse's or child's name, whether your spouse is a **Furman** graduate, and the date and city where the birth or marriage occurred.

Send news to the Office of Marketing and Public Relations, **Furman University**, 3300 Poinsett Highway, Greenville, S.C. 29613, or e-mail to alumni@furman.edu. Selected information submitted to the on-line alumni registry (www.furman.edu/alumni) is included in class notes.

Virginia Maria Hernandez Covington of the U.S. District Court for the Middle District of Florida. ■ **Jennifer Milhous Scott** works as a senior accountant at Elliott Davis, LLC, in Columbia, S.C. ■ **Aubrey Sloan** of St. Simons Island, Ga., is a funeral assistant and family service counselor with Brunswick (Ga.) Memorial Park Funeral Home. She supervises three cemeteries in the Glynn County area. She previously worked at the Federal Law Enforcement Training Center in Glynco, Ga., where she was the first civilian intern to the U.S. Air Force Office of Special Investigations Academy. ■ **Claire**

Traylor is the small business specialist for "Emma," an e-mail marketing company in Nashville, Tenn. ■ **MARRIAGES:** **Helen Baxter** and **Chris Brown**, April 9. Helen is an obstetrics/gynecology resident at the Medical University of South Carolina in Charleston, and Chris is a mechanical engineer with Bosch. ■ **Kristen Evensen** and **Stephen Harter**, June 19, 2004. They live in Alpharetta, Ga., and Kristen teaches social studies in the Fulton County Schools. ■ **Kyle Jones** and **Christal Stieb** '03, May 15, 2004. They live in Tallahassee, Fla. ■ **Lilia Laffite** and **Ryan Saunders** '02, February 26. They live in Coral Gables, Fla., where Ryan is regional manager for Sago Networks. ■ **Katie Wyatt** and **Drew Johnson**, March 19. They recently moved to Washington, D.C. Drew works for the Federal Energy Regulatory Commission and Katie is an elementary school teacher.

02

Next reunion in 2007
Ashley Hayden Angliss of Boone, N.C., earned a master's degree in clinical psychology and is employed as a staff psychologist at New River Behavioral Healthcare. ■ **Elisabeth Collette** is a graduate student at the at the University of Akron (Ohio), where she works as a lab technician in the polymer science department's NMR (Nuclear Magnetic Resonance) facilities. ■ **Jean Crow**, who has worked with the Austin (Texas) Parks Foundation the past two years, recently joined the staff of the Palmetto Conservation Foundation in Spartanburg, S.C. ■ **Raj Juwarker** is pursuing a Ph.D. in chemistry at Duke University. ■ **Courtney Horner Kenna** of Augusta, Ga., is studying for a master's degree in clinical psychology at the University of South Carolina. ■ **Maya Pai** received her

master's degree in advertising and public relations from the University of Alabama and now works for the American Red Cross in Huntersville, N.C. ■ **Andy Pascual** received his J.D. degree from the Samford University Cumberland School of Law in May. Upon passing the Bar he will work as an assistant district attorney in the Appalachian Judicial Circuit in the North Georgia mountains. He will be the program director and chief prosecutor for the Violence Against Women Unit. ■ **Tracy Thompson Vann** graduated from Wake Forest University School of Law in May. ■ **Sarah Karen Vatland** lives in Iringa, Tanzania, where she is an environmental coordinator for Friends of Ruaha Society, a national park. ■ **MARRIAGES:** **Craig Caldwell** and **Abby Thompson**, July 17, 2004. They live in Princeton, N.J. ■ **Melanie Currin** and **Eric Lucero**, July 31, 2004. Melanie is in her senior year at the University of Georgia's College of Veterinary Medicine. ■ **Felice Ferguson** and **Robert Knight**, July 10, 2004. Felice is studying for a Master of Arts degree in history through a joint degree program at the University of Charleston and The Citadel. ■ **Janelle Colleen Hicks** and **Richard Chadwick Smith**, March 19. They live in Rock Hill, S.C., where he is an attorney. She is a first grade teacher and is pursuing a master's degree in early childhood education at Winthrop University. ■ **Peter Clifford Netzer** and **Martha Lawton Jeter**, March 12. She is a dental student and he is a medical student, both at the Medical University of South Carolina in Charleston. ■ **Laurie Pearson** and **Jake DeMint**, April 3, 2004. They live in Greenville. ■ **Tyrone Ryan Spencer** and **Ryan Elizabeth Mitchell**, May 7. She is employed as a human resource generalist at Nutra

Manufacturing in Greenville, and he is a manager at Ventus Capital Services. ■ **Chad Voelkert** and **Annie Williams**, October 25. They live in Lexington, Ky., and Annie is state coordinator for the Kentucky Historical Society.

03

Next reunion in 2008
Claudia Elizabeth Hubbard of Seneca, S.C., has earned a master's degree in public health from Boston University School of Public Health. ■ **Timothy Larkins** of Chicago is a senior recruiter with Maxim Healthcare. ■ **Bryan Mitchell** received a master's degree in city and regional planning from Clemson University in May. He is a consultant with McCallum Sweeney Consulting in Greenville. ■ **Justin Traunero** of Winston-Salem, N.C., is a student at the Wake Forest University School of Medicine. ■ **MARRIAGES:** **Adam Baslow** and **Molly Markham**, April 16. They live in Charleston, S.C. ■ **Marcus Fresia** and **Katherine Elizabeth Caldwell** '04, January 15. They live in Tarpon Springs, Fla., and Katherine is an assistant manager for Ann Taylor. ■ **Nathan Crum** and **Erin Raley** '04, April 2. They live in Pauline, S.C.

04

Next reunion in 2009
Ellen Michael Harvey is enrolled in the experimental psychology Ph.D. program at the University of Tennessee. ■ **Robert Andrew Highsmith** is studying for a master's degree in architecture at the Rhode Island School of Design in Providence. ■ **Bonne Sherill Mount** is enrolled in the University of Tennessee College of Veterinary Medicine. ■ **Andrea Roche** attends Columbia Theological Seminary in Decatur, Ga. ■ **MARRIAGES:** **Kevin Brian Arrowood** and **Catherine Keith**, December 4.

They live in Greenville. ■ **Brandon Michael Inabinet** and **Rachel Newton**, June 19, 2004. They live in Greenville. ■ **Matthew Allen McNair** and **Janie Ruth Parnell**, May 14. He is a software technician at CareerBuilder.com in Norcross, Ga. ■ **Carrie Parker** and **Ryan Eaves**, July 31, 2004. They live in Athens, Ga. ■ **Kelsey Ruebush** and **Clint Grant**, July 23, 2004. Kelsey is an orchestra director with Dorchester County (S.C.) School District 2. ■ **BIRTH:** **Adam '05** and **Hope Yerger Mabry**, a daughter, Alanna Claire, March 19, Panama City, Fla.

05

MARRIAGE: **Emily Menning** and **Kevin Smith**, June 11. They live in Greenville where Kevin works at CoLinX, a provider of shared e-commerce and logistics services.

DEATHS

Robert Lee Galphin '28, March 18, Atlanta. He had a 42-year career with Liberty Mutual Insurance Company, working in Boston, New York, Chicago, Pittsburgh, Birmingham and Atlanta.

Alice Britt Carpenter '29, March 7, Greenville. She taught school for many years.

Minnie Mendenhall Kendrick '29, March 30, Greer, S.C.

Sarah Pauline Hipp Hutto '32, March 16, Spartanburg, S.C. She was an award-winning volunteer at the Easley (S.C.) Baptist Hospital and at Providence Hospital in Columbia, S.C.

Mattie Lou Meadors Jeter '32, April 1, Greenville. She retired as a teacher in the Greenville County school system.

James Livingston McKittrick '33, April 10, Simpsonville, S.C.. He served in the U.S. Army Air Force during World

DuPont Guerry III was pioneering ophthalmologist

Ophthalmologist DuPont Guerry III, a 1934 Furman graduate whose research helped pave the way for the development of laser eye surgery, died in Richmond, Va., April 3 at the age of 92.

Guerry, a graduate of the University of Virginia Medical School, taught in the Department of Ophthalmology at the Medical College of Virginia for 38 years (1944-82) and chaired the department from 1953-73.

In an article in its April 5 issue, the *Richmond Times-Dispatch* reported that in 1957, Guerry conducted an experiment to determine how small doses of bright light might affect damaged retinas.

The patient involved had a tumor on his retina that threatened his vision.

According to the newspaper, Guerry asked the patient to "train his right eye on a pinprick of light emanating from an odd contraption — a World War II Army searchlight aimed at a mirror that focused a light beam through a hole in a black-board positioned two inches from the man's face. During two sessions held a week apart, bright light flashed briefly through the hole five times."

The result of the experiment: The tumor was destroyed and the patient's vision saved.

"By using light to operate on the retina," the paper said, "Guerry laid the groundwork for advances in what was to become laser surgery, which helps

save the sight of people with diabetes, glaucoma, torn retinas and tumors." He had developed his idea after taking part in an Air Force study examining how the brightness of atomic blasts might affect the vision of bomber pilots.

In 1987 the American Ophthalmological Society recognized Guerry's pioneering contributions to his field by presenting him its highest honor, the Howe Medal.

Guerry was active in medical associations on the state and national levels and was the first director of the Medical College of Virginia Hospitals Eye Bank. As a pediatric intern he conducted award-winning research on the use of vitamin K to reduce hemorrhaging in newborns.

War II and taught aviation cadets at Presbyterian College from 1943-45. He went on to work in business management for 30 years, retiring from Acme Cloth Reel in 1977. He was also a reporter and weekly columnist for the *Tribune Times* in Simpsonville, where he lived for 43 years. He served on the boards of the Simpsonville Chamber of Commerce, Golden Strip YMCA and Old Ninety Six Girl Scouts. He worked with the United Way, was on the Greenville County Historic Preservation Committee, and was a member of the Simpsonville Rotary Club and the Greenville and Simpsonville Lions Clubs. In 1985 he was named Simpsonville's Citizen of the Year.

James Austin, Jr. '35, May 21, Honea Path, S.C. He retired from the Department of Defense after 33 years and later was employed by Corporation Trust Corp. in New York City. He was a member of the Honea Path Lions Club and was a member and soloist with choirs in several states. He was a U.S. Navy veteran of World War II.

Wilma Reeve Gentry '35, May 2, Roswell, Ga. She was one of the founders of Roswell's Youth Day Celebration, which started in the 1950s, and was an award-winning dancer with

the Arthur Murray Studio in Atlanta. She was a member of the National Society Daughters of the American Revolution and United Daughters of the Confederacy.

Ernest "Johnnie" Jones, Sr. '35, March 16. He lived in Rock Hill, S.C., for many years and worked as a coach, teacher, principal and administrator with Rock Hill School District 3.

Jack Moody Purser '36, April 9, Greer, S.C. He was a U.S. Army Air Corps veteran of World War II and was retired from the Department of Defense.

Albert Clarke '37, May 18, Louisville, Ky. He was a retired national sales manager for Brown & Williamson Tobacco Corporation and had served as a trustee for Baptist Hospitals.

Curran Earle Carr '38, May 17, Essex Meadows, Conn.

Ann Latham Easterling '38, May 8, Columbia, S.C. She was employed in Greenville by Liberty Life Insurance Company and by Alice Manufacturing Company.

Gladys Plowden Kennedy '38, March 17, Due West, S.C. She worked in banking and was active in the YWCA and Meals on Wheels.

Harold Audrey Smoak '38, April 6, Charlotte, N.C. He was a naval aviator and flight instructor during World War II, after which he was a salesman for Pitney Bowes. In 1951 he started Telephone Answering Service, Inc., and served as president and general manager for 11 years. He was active in civic affairs in Charlotte and held leadership roles with the United Appeal and the Better Business Bureau. He was a member of the Bimacial Committee, was president of the North Carolina Mental Health Association and was governor of the Optimist Clubs of North Carolina. He later moved to St. Petersburg, Fla., where he served as lay assistant and business administrator of the First Presbyterian Church. He returned to Charlotte in 1968 as president and treasurer of Carolina Child Care Center, Inc.

Mary Wilton Earle Cleveland '39, February 28, Columbia, S.C. She was a teacher in the public schools of Greenville and Easley, S.C. She was a member of the Greenville committee of the Colonial Dames of America in the state of South Carolina, the Junior League of Greenville and other organizations.

Dorothy Burton Pericola '40, March 22, Greenville. She taught school for 32 years, 28 of which were spent at St. Andrew's Elementary School in Charleston. She was a volunteer at the Children's Hospital of the Medical University of South Carolina and served as a tour guide for Charleston's historic homes.

John Hugh Wofford '40, April 9, Williamston, S.C. A member of the Furman Athletic Hall of Fame, he served in the U.S. Army during World War II. He retired from Mount Vernon Mills in Williamston after 32 years as general manager and also served as the original director of Saluda Valley Savings and Loan and as associate director of American Federal Savings and Loan. He was a school trustee for 12 years and a former member of the Anderson (S.C.) Chamber of Commerce.

Elsie Aspin Simister Jones '41, April 21, Greenville. She owned and managed Meadowbrook Farms and Ice.

Herman Dwight McAlister '41, March 24, Florence, S.C. He was pastor of First Baptist Church of Cheraw, S.C., for 19 years, and of several other churches for more than 30 years. He also taught school in South Carolina for 10 years.

and was superintendent of schools in Florence County. He was Grand Master and Grand Secretary of Masons for South Carolina and was Grand Secretary emeritus of the Grand Lodge of South Carolina. He was a member of the Lions Club and past District Governor of Lions International District 32C, and he served on the trustee boards of Furman and South Carolina Baptist Hospitals.

Jo Newell Robinson '41, January 5, Columbus, Miss. He was a veteran of World War II, after which he practiced medicine for 51 years, including 45 years as a pediatrician in Columbus. He was past president of Columbus Kiwanis, was president of the Columbus Concert Association for 33 years, and was a former member of the Columbus City Council and the YMCA board.

George Edwin Shepperson '41, November 10, Albuquerque, N.M. He taught and coached in Albuquerque public schools for 30 years and at Hope Christian School for 10 years. He was a member and soloist with a Young at Hearts choir, and as a member of the Albuquerque Tennis Club he won championships in the Senior Olympics for both men's doubles and singles on the state and national level.

Mary Kathryn Patrick Byars '42 (M.A. '72), March 25, Greer, S.C. She was a library assistant at the Greenville Woman's College and was librarian in several Greenville County schools. She also worked in the Children's Room and South Carolina Historical Room of the Greenville County Library. She was a member of the Distinguished Poets Society and was listed in *Women of the World* and the *International Directory of Biography*. She worked with numerous community service groups, including the Red Cross and the YMCA.

John Allen '43, March 4, Connelly Springs, N.C. He was a U.S. Army veteran of World War II and was the recipient of numerous medals, including the Purple Heart and the Fidelity Honor of Efficiency. Following his military service, he practiced medicine for 40 years in Marion, S.C. He was a member of the North Carolina Medical Society, the American Academy of Family Physicians, the American Legion, Veterans of Foreign Wars and a number of civic organizations.

Elaine Duffy Childers '43, March 31, Greenville. She was a retired teacher from Overbrook Elementary School. She was a member of the ladies auxiliary of the Greenville Lions Club and American Legion Post # 3.

Doris Mullinnix Kirkland '43, April 11, Kilmarnock, Va.

James Oscar Phillips '43, March 13, Simpsonville, S.C. For 45 years, until his retirement in 1997, he pastored two churches in Greenville County that merged in 1972, Glendale Baptist Church and Laurens Road Baptist Church. He served as president of the Landmark Missionary Baptist Institute and for two years was national president of the American Baptist Association. He was a U.S. Marine Corps veteran of World War II, serving in the Pacific and at the Pentagon.

Virginia Beacham Pritchett '43, May 24, Fort Myers, Fla. She was active in community programs, including the Girl Scouts, the Elizabeth Benevolent Society and the boards of Goodwill Industries and Lee Memorial Hospital.

Regina Bischoff Pace '44, February 22, Atlanta. She taught school in Wilmington, N.C., before opening a piano studio in Charleston, S.C., where she was also a church organist and choir director and

director of a high school glee club. She went on to teach piano and work in church music programs in South Carolina, Georgia, Tennessee and Mississippi. While in Mississippi, she was a judge for National Guild Auditions and became active in the Republican Party, serving as county chair, as president of the Mississippi Republican Women and as a member at large of the National Republican Women.

Dorothy Watson Robinson '44, March 17, Cary, N.C. She taught nursing at Rex Hospital in Raleigh, N.C., and worked as a private-duty nurse in Northampton County. After moving to Cary, she began the Career Exploration program at Cary Junior High School and the Health Occupations program at Enloe High School. She was also employed by Wake Medical Center. Active in the Methodist church, she and her family were named Methodist Family of the Year for the Western North Carolina Conference in 1965. She was involved in the development and planning of the Cary Senior Center, of which she was board secretary at the time of her death.

William Walker '44, March 1, Belton, S.C. He was a U.S. Army veteran and had retired after 50 years as a Baptist minister.

James Whitlock '45, April 4, Clemson, S.C. He was president of Fort Hill Federal Savings and Loan Association until its merger with First Federal Savings and Loan Association in 1981. He retired from the company in 1983 as senior vice president. He served on the board of the South Carolina Savings and Loan League and on several committees of the National League of Savings Associations, and was a director of Fort Hill Bank and Trust Company. He served on both the Clemson

City Council and Pickens County Council, was president of the Clemson Fellowship Club and Clemson Rotary Club, and chaired the Clemson United Fund and Chamber of Commerce. He was a founder and past president of the Downtown Clemson Association and a member of the Oconee County Library board and the Pickens County Planning and Development Commission. He chaired the South Carolina Appalachian Council of Governments and the South Carolina Association of Counties and was a member of the Governor's Commission on Intergovernmental Relations.

Margie Saylor Alexander '46, April 19, Anderson, S.C. She volunteered for the Anderson Medical Regional Center for 30 years. She also volunteered with Hospice of the Upstate and was South Carolina Volunteer of the Year in 1998.

Mary Ruth Heath '46, April 15, Roseboro, N.C. She was a retired minister with the Pentecostal Holiness Church and was also a retired school teacher and principal with Cumberland County Schools.

Betty Brunson Hesse '47, May 2. She was an accomplished pianist and also taught kindergarten. After moving to California in the 1950s, she worked with Girl Scouts and became director of the Los Angeles Girl Scout Council. She served as chair of the Woman's Auxiliary of the South Bay Council Chamber Symphony Society and of the Switzer Center and was a member of the National Charity League. The *Palos Verdes News* listed her in 1972 as one of its Women of the Year. After moving to Indian Wells, Calif., in 1985, she became an amateur storyteller, and by 1997 was president of Desert Storytellers. She was also a contributing writer for the *Palos Verdes Review*.

Coming to a theatre near you . . .

There Matthew Pope was on March 17, in a Las Vegas banquet hall, preparing to be introduced as the winner of the 2005 Coca-Cola Refreshing Filmmaker's Award.

Pope's 50-second "mini-movie," titled "The Line Starts Here," takes a humorous look at a young man's obsession with being first in line to purchase tickets to the premiere of a highly anticipated film. It won the competition's top prize of \$10,000 over entries from nearly 200 other film students.

"I was never one of those guys who camped out for a movie," Pope, a 1999 *magna cum laude* graduate of Furman with a degree in computing-business, told the *Tallahassee Democrat*. "That to me is just something that has always been funny. So I used it."

But as the Florida State University film student awaited his moment in the spotlight — you know, just hanging around backstage with the likes of Matt Damon (one of the contest judges) and other film industry types — he realized he hadn't thought about what to say in his acceptance speech.

A few minutes earlier, he had joked that his film would be seen in 21,000 theatres — but the upcoming "Star Wars" film, "Revenge of the Sith," would be seen in only about 4,500. While Pope's film played, Damon suggested that he use the same line to open his speech.

Which he did. And he got a nice laugh — even from the front-row table of George Lucas, creator of the "Star Wars" series and inspirer of just the type

of people Pope parodied in his movie. "I don't know if Lucas laughed, but I heard laughter coming from his table," Pope told the *Democrat*. "I'm assuming some of the people at his table found it funny."

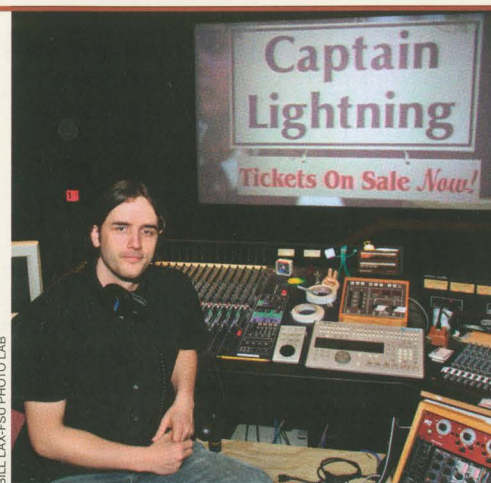
The panel of judges for Coca-Cola included actor/screenwriter Damon and executives from such major groups as DreamWorks and Blockbuster, Inc. Thanks to their approval, "The Line Starts Here" is currently scheduled to be seen October 21-November 24 as part of the "previews" on 21,000 screens throughout the country.

In theatres that sell Coke, of course. "This is an exciting opportunity for me," says the 28-year-old Pope. "You can work for years in this business without ever seeing a film make it to the screen, much less to thousands."

FSU film school dean Frank Patterson says, "Even an industry giant like Steven Spielberg has yet to see one of his movies open in 21,000 theatres at one time, so this is a remarkable way for Matt to begin his career."

Contest entrants developed their concepts based on the theme of "the movie-going experience." Last fall, 10 finalists were named and given \$7,500 to help them produce their project in 10 weeks.

In Pope's film, the protagonist pitches a tent outside a theatre to ensure that he'll be the first ticket-buyer for a major studio release. But the tent's zipper gets stuck



Matthew Pope's film won the Coca-Cola award over nearly 200 entries.

and he is trapped inside as patrons arrive to purchase tickets. Fortunately, in true Hollywood style, everything works out in the end.

After graduating from Furman, Pope worked as a consultant for about two years before founding Summerset Productions, an independent production company in Atlanta. He enrolled at the Florida State School of Motion Picture, Television and Recording Arts in 2003 and was scheduled to complete his master's degree in August.

First, though, he had to finish and screen his graduate-thesis film, about a 14-year-old boy and his alcoholic mother — a grim tale with little similarity to his light-hearted award-winner.

Once that was done, he and his wife, Laura McBride '01, planned to use their Coca-Cola award earnings to move to Los Angeles, where work in the film industry hopefully awaits.

Bradford Merry Arrington '48, May 21, Killeen, Texas. He taught in Greenville and at the University of North Carolina, the University of Montana at Missoula, Syracuse University and the University of Illinois. In 1956 he became a civilian employee with the U.S. Army, serving until his retirement in 1988 as a supervisory recreation specialist in music and theater. During his career with the Army, he served in Germany, Thailand, Vietnam and the United States. He supervised USO shows in Vietnam. He acted at the Vive Les Arts Theatre in Killeen and appeared in television advertisements and movie productions.

Hugh Thomas Barton '48, May 2, Mukilteo, Wash. Known as "Uncle Doc," he was a U.S. Navy veteran, serving in Guam as a hospital corpsman until his discharge in 1946, after which he attended medical school. He practiced at the Martin Clinic in Pell City, Ala., until 1961, then started the Medical Clinic in Green River, Utah, where he practiced until 1972. He later became the admitting physician at Wyoming State Hospital in Evanston, from which he retired in 1987. In Mukilteo he volunteered for Snohomish County Hospice Care.

Ellen Horton Hicklin '48, March 8, Spartanburg, S.C. She was involved in a number of community organizations

and was a Stephen Minister of the Presbyterian Church.

Dorothy Elizabeth Hitt Jolly, M.A. '48, March 12, Spartanburg, S.C. She taught for 41 years in the Greenville County school system. She was Teacher of the Year in 1969 at Blythe Elementary School, from which she retired in 1975. She was a member of the Woman's Club of Greenville, the Nathaniel Greene chapter of Daughters of the American Revolution, and the Fidelis Alpha chapter of Alpha Delta Kappa, the National Honorary Society for Women Educators.

Henry Lester Castleberry '49, May 22, Charleston, S.C. He was a retired guidance

counselor at James Island High School and was a volunteer at Roper Hospital and the Veterans Administration Hospital. He was a U.S. Army veteran of World War II.

William Vannoy Woodson, Jr. '49, February 24, Greenville. He was president of Graham Photo Supply and was active in community organizations. He was a veteran of World War II.

William Waller Ford, Sr. '50, April 18, West Columbia, S.C. He retired as engineering manager from Southern Bell after 38 years of employment.

Elizabeth Tillinghast Link '50, June 23, 2004, Sharpley, Del. She retired as a chemist from I.F.I. Plenum Data, was

a member of the Delaware Professional Employer Organization and was a volunteer at the Alfred I. duPont Hospital for Children.

C.R. Smith, Jr. '51, March 18, Fort Myers, Fla. He was a veteran of World War II, serving in the European Theatre, and was a prisoner of war for three months before being liberated by Allied Forces. He pastored churches in South Carolina and North Carolina and was a missionary for two years in Maui, Hawaii. His last pastorate was with the First Baptist Church of Siler City, N.C., where he served for 30 years and was named pastor emeritus after his retirement in 1991.

Richard Hubert Lee '52, March 28, Greenville. He worked in sales with Oxford Chemical Company and was owner and operator of Lee Sales Promotions Company. He was an Army veteran of World War II.

Homer Mauldin '55, March 24, Sarasota, Fla. He was an insurance salesman and served in the U.S. Army during World War II and the Korean War.

William Horton '56, April 23, Shawnee, Okla. He was the arts and movie critic for the *Shawnee News-Star* for more than 25 years and later wrote for the *Shawnee Sun*. He also served as a professor of music at South Georgia College of the University of Georgia, Southern Baptist Theological Seminary, Ouachita University and Oklahoma Baptist University. A minister of music, he often performed as an organist, baritone soloist and guest conductor and was active in music and arts organizations at the local, state and national levels. He received many music and civic awards, including being named Oklahoma Musician of the Year in 1974, and was most recently named Shawnee Community Hero for outstanding community service. A published

author, he was included in *Outstanding Educators of America, Who's Who in America* and *Who's Who in the Southwest*. He and his wife established the Horton Voice Scholarship at Furman.

Charles Benjamin Bowen, Sr. '57, May 19, Greenville. He served with the U.S. Army in the Korean War and received the Combat Infantry Badge and three Bronze Battle Stars. In 1959, he became a partner with the law firm of Bowen McKenzie and Bowen. He was a founder and past president of the South Carolina Trial Lawyers Association and was a member of the American Trial Lawyers Association and the American Judicature Society. He chaired the Greenville County Election Commission for 18 years, was a founder and past president of the South Carolina Workers' Compensation Claimant Attorney Association, and was listed in *Best Lawyers in America*. He chaired the Greenville Democratic Party and was a three-time delegate to the national Democratic Convention. In 1998 he received South Carolina's highest civilian honor, the Order of the Palmetto. He also received the Stalwart Award from the American Trial Lawyers Association and the Compleat Lawyer Award from the University of South Carolina School of Law.

Thomas Edward Farmer '58, March 27, Greer, S.C. He was a U.S. Air Force veteran of the Korean Conflict and had retired from Page Belting. He was a member of the Masons, Scottish Rite, Hejaz Shrine Temple and Greer Lions Club.

Donald Bowers '60, March 8, Charlotte, N.C. He worked in the field of biological science most of his life and in research at George Washington University in Washington, D.C. He retired from Mecklenburg Environmental Health Services.

Myra Easler Chapman '60, March 27, Inman, S.C. She was a retired school teacher.

Thomas David Rod McLaughlin '62, April 12, Daytona Beach, Fla. He was employed by Ideal Security Company and had previously worked for Pulliam Ford Company.

David Cashwell Batson, Sr. '63, March 11, Travelers Rest, S.C. He was a vice president with Bank of Travelers Rest, a former partner in Batson Oil Company and a member of the board of Greenville Redevelopment Authority. He was a U.S. Army veteran.

Roy Bertram Williams, M.A. '65, March 22, Spartanburg, S.C. He served in the U.S. Navy during the Korean Conflict and had retired as the associate executive director of residential services for the Charles Lea Center in Spartanburg. He had also worked with the South Carolina Department of Mental Health and served as regional superintendent of the Pee Dee Region for the South Carolina Department of Mental Retardation.

Mary Stapleton, M.A. '66, March 14, Aiken, S.C. She taught in the public schools of South Carolina and served as a principal at Cavins Elementary School, Inman City Schools and Edwin P. Todd Elementary School. She helped write curricula, sponsored by the Baruch Foundation, to make students aware of issues pertaining to the preservation of the environment.

Raymond Lavere "Sandy" Beck, Jr., M.B.A. '76, April 7, Simpsonville, S.C. He retired in 2002 as vice president of marketing and sales for Kemet Electronics after 32 years of service.

Robert Ehmsen Speir, Jr. '77, March 12, Myrtle Beach, S.C. A radiologist, he joined Carolina Radiology Group and the staff of Grand Strand Regional

Medical Center in 1987. He served as chief of the medical staff for one year and had been chief of medicine and a member of the credentials committee. He was instrumental in the expansion of radiology services and technology at the Grand Strand Medical Center and at hospitals in Loris, S.C., and Conway, S.C.

Jacquelyn Earline Robinson Parker '82, May 12, Travelers Rest, S.C. She was an educator, a seamstress specializing in the creation of quilts and wedding gowns, and a member of the Eastern Star.

Lawrence Downing '83, March 10, Greenville. He was for many years employed with Jewett Automation of Richmond, Va., and with Advanced Automation, Inc., of Greenville.

Lauren Schneider White '90, May 11, Newnan, Ga. After a six-year career with Bank of America, she committed herself to service in the areas of youth and music ministry at Southwest Christian Church in East Point, Ga., where her husband is an associate minister.

Dwight Andrew Holder, March 27, Greenville. A former member of Furman's board of trustees, he owned and operated several businesses. He served two terms in the South Carolina House of Representatives, chaired the inaugural committees for three South Carolina governors, and was chair of two Southern and one National Governors' Conferences. He was instrumental in creating the S.C. Department of Parks, Recreation and Tourism (which he chaired), the S.C. Jobs Economic Development Authority and Santee Cooper, the S.C. Public Service Authority. He was a recipient of South Carolina's highest civilian honor, the Order of the Palmetto. He was a U.S. Navy veteran.

Echo responses

The article in the spring edition of Furman about the 1955 *Echo* ("Echo of the Past") generated many responses.

The story recounted the decision to ban distribution of the student literary magazine in part because its editors bypassed their faculty advisor and in part because of its controversial content. The Spring 1955 *Echo* contained articles supporting integration and criticizing church hypocrisy and Southern Baptist practices — all hot-button issues likely to anger state Baptists already upset with Furman over such things as dancing and fraternities on campus. The furor over the withholding of the publication led to a flurry of local and national publicity.

Many requested copies of the 1955 *Echo*, which was published this spring in conjunction with the 2005 edition. A sampling of reader comments follows.

What a lot of memories you stirred up!! That was my sophomore year, and I was slated to take the following year in France, but my feelings were often focused on the anguish my father was going through about the conflicts raging at Furman amongst those who were its leaders.

My father was Dean Alfred E. Tibbs, and he was often placed on the line facing trustees who wished to see fraternities abolished and other special targets eliminated. I don't know if he had anything to do with the *Echo* decision, but I know what his basic liberal principles were, and his meetings with trustees with whom he did not see eye to eye were frequently unpleasant.

He kept little objects on his desk that helped him to keep a firm grip on his feelings, among which were a small cast iron donkey reflecting his political leanings, a series of little dinosaurs and Cro-Magnons from the Field museum in Chicago that demonstrated his Darwinism, and his statue of Socrates. I don't think he ever felt he had to mention why he had those things. They were just there, and I have them now that he is gone.

One day after a particularly difficult meeting I heard him tell my mother, "I couldn't agree with anything, so I just said, 'Let us pray,' and that ended the meeting."

— Mary Margaret Tibbs Molina '57
St. Paul, Minn.

Article on controversial literary magazine spurs reader interest

I found your article about the 1955 issue of the *Echo* interesting. While before my time at Furman, I remember the era well.

I was 10 years old in 1955 and living in Greenville. Many of the same controversies still existed when I became a Furman student eight years later. I had forgotten that the South Carolina Baptist Convention opposed integration.

Many people outside the South don't realize that there were white Southerners, some Baptists, who supported integration following Brown vs. Board of Education. The 1955 *Echo* spoke for us.

An irony is that many of my students here in Michigan in 2005 have attended high schools that are mostly one race due to *de facto* residential segregation. Today, the 10 most segregated cities in the United States are in the Midwest and Northeast, while a number of the least segregated cities are in the South (source: 2000 Census and University of Michigan).

I am delighted that Furman students took such a courageous stand 50 years ago. The spirit represented by those students and by many faculty and staff members over the years is what, to me, made Furman great. We were taught that it is important "to speak truth to power" even if there is a risk in doing so.

That message is as relevant today as it was then.

— Alan G. Hill '67
Bay City, Mich.

The writer teaches sociology at Delta College. He taught at Furman from 1979-87.

Thank you for the excellent article. It was an interesting time, when many of us were much farther ahead in our thinking about segregation than the world will ever know.

As I recall, the rumor was that all the printed issues of the *Echo*, excepting for some stolen away, were dumped off the side of a mountain.

— Frances Thomas Stelling '57
St. Augustine, Fla.

The writer penned several poems published in the spring 1955 Echo.

I am a parent of a rising senior. I would love a copy of the 1955 *Echo*.

I think that its re-release, so to speak, is bold in itself and I admire the team behind the effort to track down an original copy and to go several steps further. Thank you for offering it to those



of us who will, hopefully, appreciate it for its historical value as well as giving us a sense of the times.

— Joan Colglazier
Isle of Palms, S.C.

I still remember the feeling of absolute fury I experienced when word spread that the administration had confiscated all copies of the Spring 1955 *Echo*. Your article gave a mature perspective to the entire event. It would be interesting to see if, 50 years later, I still believe the confiscated material did not warrant suppression.

— Armina Witherspoon Freas '57
New York City

Although not a part of the *Echo* staff, I was there, and was aware of the problems, and DID NOT get my copy of the *Echo* — to which I thought I was entitled, because I had paid for it in my student fees.

As I remember, I was not surprised at the administration's unhappiness with the articles, but I was upset that they did not distribute the magazine — because the students had already paid for it! I argued, unsuccessfully, that if they did not distribute the magazine, then each of us students was entitled to a refund.

Some things deserve to be remembered!

— Herman Williams '55
Mineral, Va.

Ode to the oak



Furman is justly famous for its beauty — and its noble trees. The campus would be sterile and lifeless without them.

The trees, most of them planted 50 years ago, define and dignify the campus. Their stunning palette of leaves, each a subtly different shade of green, excites the eye and refracts the light.

Although more than 100 different types of trees grace Furman's 800 acres, the oaks stand out. No tree ages more gracefully than oaks; they often live more than 100 years. An elegant brigade of half-century-old oaks lines Furman Mall and envelops us in their protective embrace. Their thick-waisted trunks support huge canopies of leafed branches that shade our days and inspire our reflections.

Richard Webel, the Long Island landscape architect who designed the "new" Furman campus, featured oak trees for several reasons. Oaks have long been symbols of reverence. The earliest humans believed that the oak was the first tree created by God. The ancient Greeks, Romans, Norse, Celts and Hebrews all viewed oak trees as sacred symbols. When Isaiah prophesied the redemption of Israel, he predicted that they "will be called oaks of righteousness, the plantings of the Lord, to display his glory."

Oaks continue to inspire an almost spiritual devotion. Their magisterial stature draws attention to forces much greater than our own.

In planning the campus, Webel also sought to re-create the setting of an English park, and oak trees have long been a central feature of Britain's history and culture. In medieval England oak symbolized strength, endurance and good character. The most virtuous knights (paladins) were said to have "hearts of oak."

Today the oak is also the most popular choice of Americans, according to the National Arbor Day Foundation. The redwood is a distant second. One reason oak trees are so popular is that they grow just about everywhere. They are abundant

throughout North America, Europe and Asia, with more than 400 species world-wide and more than 40 varieties in the eastern United States.

For thousands of years, oaks have provided many of the raw materials for human existence. Oak acorns were among the first foods eaten by people, and oak timbers were used to build houses, furniture, bridges, wagons, barrels and ships. Oak, of course, is one of the best sources of firewood. For centuries surveyors have used oak trees as landmarks because they know that oaks will live a long time.

The Furman campus features trees native to the Piedmont: white oak, water oak, willow oak, black oak, Southern red oak, scarlet oak, post oak and black jack oak. According to biology professor Joe Pollard, however, three oak species on campus are not indigenous: live oaks, pin oaks and Chinese evergreen oaks. Live oaks, planted around the library and dining hall, are native to the Lowcountry and the coastal plains throughout the South. Pin oak is a Midwestern species but is often planted outside its native range as an ornamental. There are also two large Chinese evergreen oaks in the Japanese Garden.

Whatever the species of oak, their majestic branches and deep roots help protect and anchor us. They also help elevate our gaze and lift our spirits. Not as tall as redwoods, as massive as sycamores or as showy as beeches, oaks are resilient and persistent, adaptable and pervasive. Their patient soaring provides a tonic reminder for us to slow down our daily frenzy.

Oaks bridge earth and sky, linking earthly reality with transcendent truths beyond our grasp and understanding. We all grow taller by walking among them.

— David Shi '73
President

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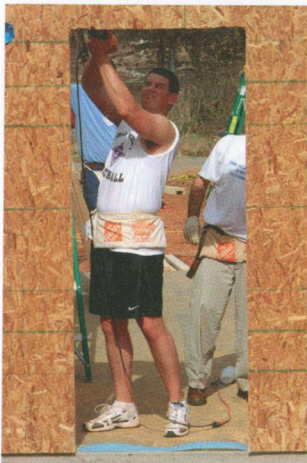
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Cindy Davis '84 presides over Nike Golf.

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Furman athletes reach out to the community.

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